

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
 Data File : BG040822.D
 Acq On : 9 May 2019 19:09
 Operator : HP/JU
 Sample : PB119587BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119587BS

Manual Integrations
 APPROVED

Sohil
 5/13/2019 8:39:03 PM

Quant Time: May 10 06:42:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	47263	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	187935	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	141556	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	388030	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	393521	20.00	ng	-0.02
87) Perylene-d12	25.16	264	372478	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	392522	146.40	ng	-0.01
7) Phenol-d6	7.28	99	560487	135.77	ng	-0.01
23) Nitrobenzene-d5	9.32	82	340152	83.63	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	306640	157.60	ng	-0.01
45) 2-Fluorobiphenyl	13.39	172	745535	76.06	ng	-0.02
79) Terphenyl-d14	20.11	244	1536679	86.51	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	46105	37.811	ng	# 88
3) Pyridine	3.95	79	118118	33.420	ng	98
4) n-Nitrosodimethylamine	3.86	42	68471	34.927	ng	# 99
6) Aniline	7.46	93	146431	26.761	ng	97
8) 2-Chlorophenol	7.70	128	128817	39.347	ng	98
9) Benzaldehyde	7.28	77	82162	31.015	ng	95
10) Phenol	7.31	94	176044	39.670	ng	95
11) bis(2-Chloroethyl)ether	7.56	93	117893	35.427	ng	97
12) 1,3-Dichlorobenzene	8.03	146	135585	37.943	ng	97
13) 1,4-Dichlorobenzene	8.18	146	137708	38.016	ng	96
14) 1,2-Dichlorobenzene	8.50	146	130257	37.286	ng	98
15) Benzyl Alcohol	8.38	79	145318	33.830	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	200923	30.327	ng	95
17) 2-Methylphenol	8.57	107	120298	38.305	ng	95
18) Hexachloroethane	9.23	117	52171	35.109	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	115831	31.169	ng	97
20) 3+4-Methylphenols	8.90	107	164715	37.650	ng	94
22) Acetophenone	8.97	105	213844	40.919	ng	# 94
24) Nitrobenzene	9.36	77	179668	41.402	ng	95
25) Isophorone	9.87	82	324002	35.762	ng	100
26) 2-Nitrophenol	10.07	139	75649	48.631	ng	99
27) 2,4-Dimethylphenol	10.11	122	132732	45.477	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	169432	37.274	ng	98
29) 2,4-Dichlorophenol	10.60	162	149889	45.173	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	160623	43.652	ng	99
31) Naphthalene	11.01	128	401087	40.171	ng	96
32) Benzoic acid	10.22	122	75679	37.877	ng	85
33) 4-Chloroaniline	11.13	127	110654	24.996	ng	93
34) Hexachlorobutadiene	11.28	225	116145	42.755	ng	98
35) Caprolactam	11.90	113	51216	39.096	ng	95
36) 4-Chloro-3-methylphenol	12.22	107	175053	41.820	ng	98
37) 2-Methylnaphthalene	12.61	142	304486	40.788	ng	99
38) 1-Methylnaphthalene	12.83	142	291309	39.923	ng	# 94
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	212496	40.296	ng	99

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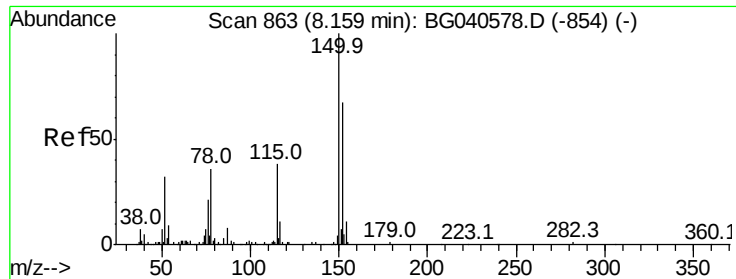
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	247413	79.511	nq	99
43) 2,4,6-Trichlorophenol	13.20	196	144447	45.328	nq	99
44) 2,4,5-Trichlorophenol	13.28	196	158281	45.595	nq	97
46) 1,1'-Biphenyl	13.60	154	410951	37.391	nq	98
47) 2-Chloronaphthalene	13.66	162	343235	39.906	nq	95
48) 2-Nitroaniline	13.86	65	139688	45.625	nq	98
49) Acenaphthylene	14.50	152	541133	37.082	nq	99
50) Dimethylphthalate	14.22	163	466406	39.380	nq	99
51) 2,6-Dinitrotoluene	14.34	165	103117	44.610	nq	95
52) Acenaphthene	14.84	154	321457	37.826	nq	93
53) 3-Nitroaniline	14.68	138	85594	36.140	nq	97
54) 2,4-Dinitrophenol	14.88	184	69731	55.812	nq	# 88
55) Dibenzofuran	15.17	168	557315	40.038	nq	96
56) 4-Nitrophenol	14.97	139	159678	77.752	nq	92
57) 2,4-Dinitrotoluene	15.13	165	155621	49.545	nq	91
58) Fluorene	15.81	166	444032	39.467	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.38	232	167762	48.013	nq	96
60) Diethylphthalate	15.57	149	483440	38.687	nq	100
61) 4-Chlorophenyl-phenylether	15.80	204	273844	41.850	nq	97
62) 4-Nitroaniline	15.84	138	112084	42.306	nq	95
63) Azobenzene	16.10	77	472939	36.750	nq	97
65) 4,6-Dinitro-2-methylphenol	15.88	198	69213	37.946	nq	88
66) n-Nitrosodiphenylamine	16.02	169	416756	36.505	nq	99
67) 4-Bromophenyl-phenylether	16.69	248	182613	37.774	nq	95
68) Hexachlorobenzene	16.81	284	194770	38.964	nq	97
69) Atrazine	16.95	200	184389	40.766	nq	97
70) Pentachlorophenol	17.15	266	229753	78.546	nq	96
71) Phenanthrene	17.56	178	798011	38.182	nq	99
72) Anthracene	17.65	178	814281	38.760	nq	99
73) Carbazole	17.92	167	718732	37.551	nq	97
74) Di-n-butylphthalate	18.45	149	871952	37.744	nq	100
75) Fluoranthene	19.56	202	1052656	40.416	nq	98
77) Benzidine	19.74	184	328777	30.514	nq	97
78) Pyrene	19.92	202	1041098	42.211	nq	98
80) Butylbenzylphthalate	20.79	149	400006	41.611	nq	94
81) Benzo(a)anthracene	21.78	228	1013255	40.741	nq	98
82) 3,3'-Dichlorobenzidine	21.69	252	274406	30.955	nq	99
83) Chrysene	21.85	228	997449	42.170	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	551540	39.747	nq	98
85) Di-n-octyl phthalate	22.90	149	930030	39.797	nq	96
86) Indeno(1,2,3-cd)pyrene	29.00	276	846928	29.616	nq	# 90
88) Benzo(b)fluoranthene	24.07	252	964346	42.367	nq	99
89) Benzo(k)fluoranthene	24.15	252	1024497m	48.196	nq	
90) Benzo(a)pyrene	24.99	252	950919	44.135	nq	99
91) Dibenzo(a,h)anthracene	29.07	278	624297	28.633	nq	97
92) Benzo(g,h,i)perylene	30.22	276	688728	31.739	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

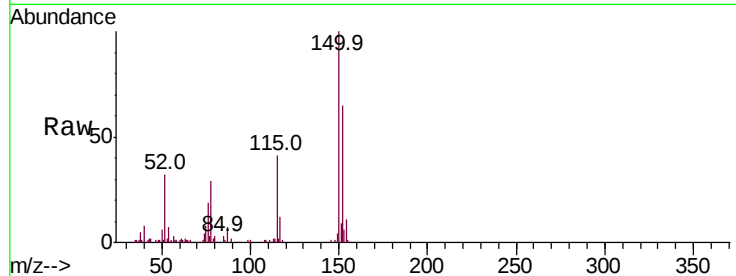
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampled :
PB119587BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	120.2	180.2
115	61.9	46.2	69.2

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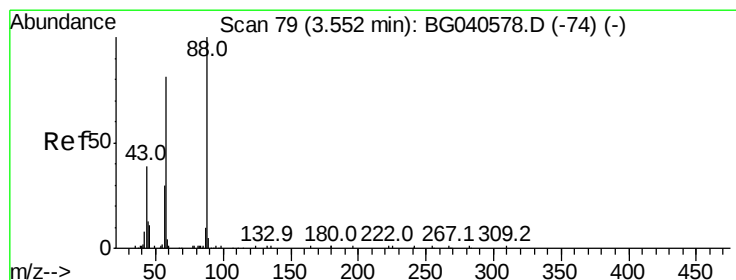
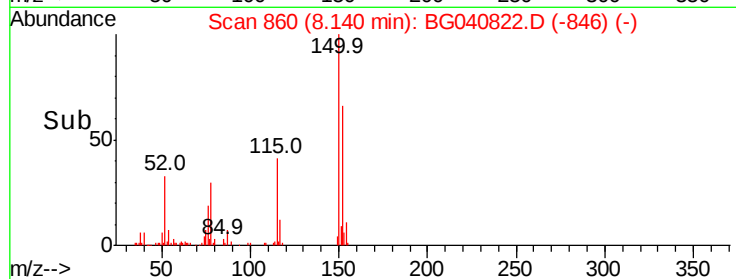
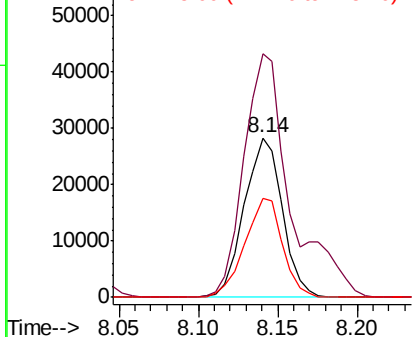


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

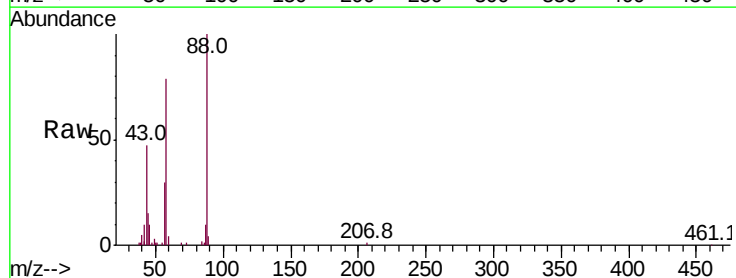
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.811 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.3	71.2	106.8
43	35.5	35.6	53.4

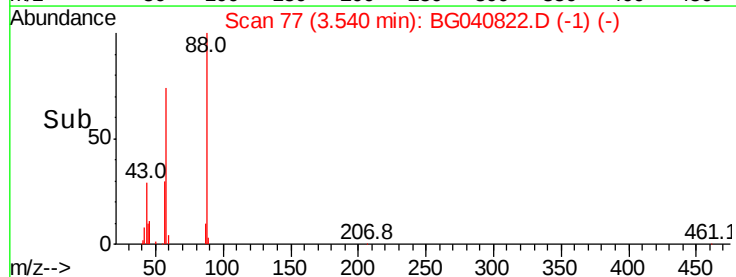
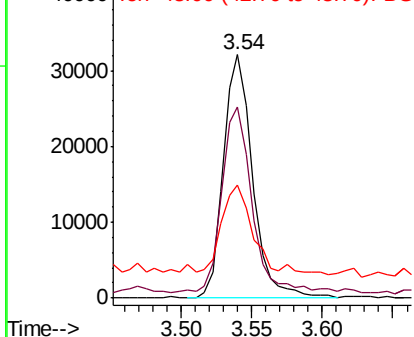


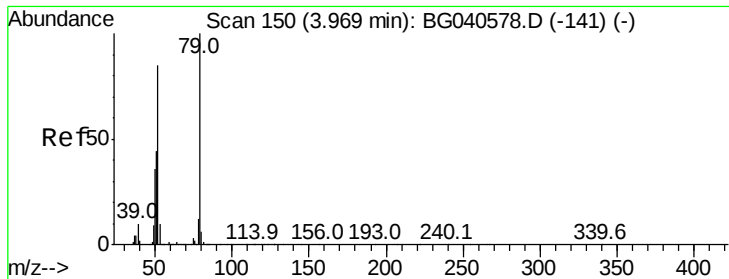
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.420 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

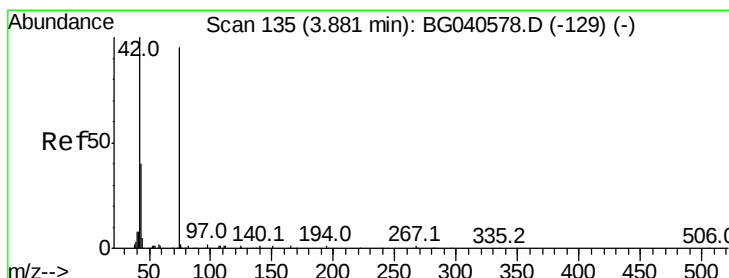
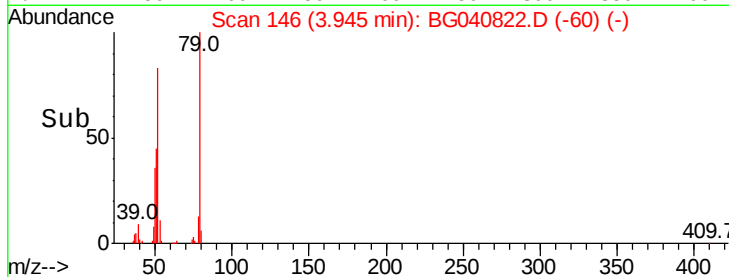
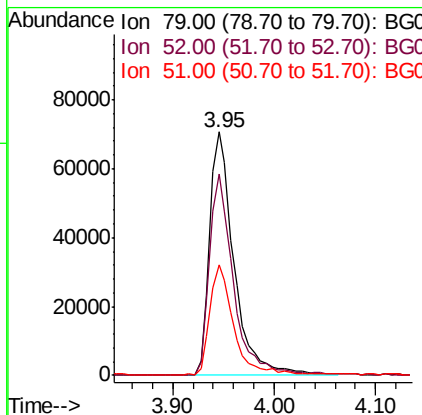
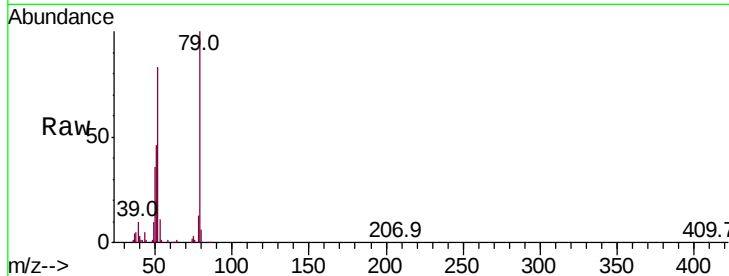
ClientSampleId :

PB119587BS

Tot Ion:	79	Resp:	118118
Ion Ratio	Lower	Upper	
79	100		
52	82.7	67.5	101.3
51	45.6	35.6	53.4

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#4

n-Nitrosodimethylamine

Concen: 34.927 ng

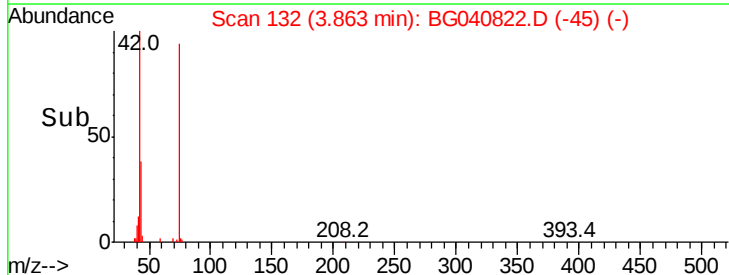
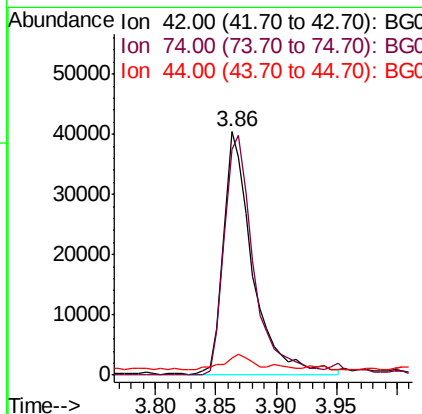
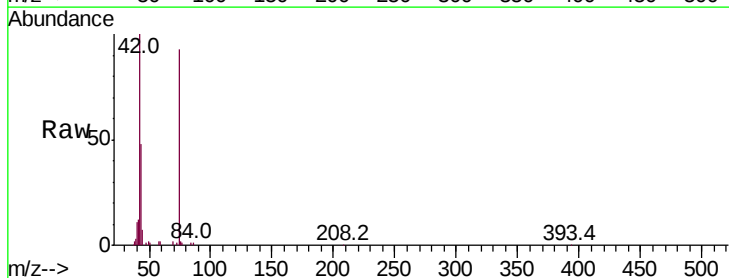
RT: 3.86 min Scan# 132

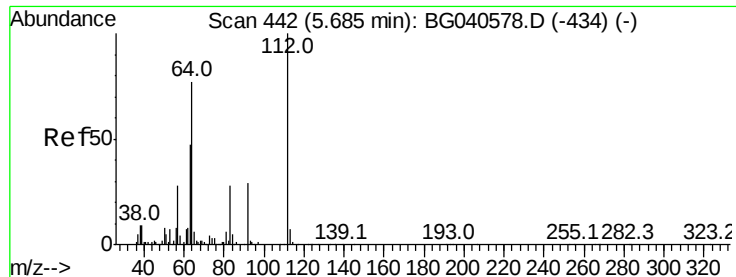
Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion:	42	Resp:	68471
Ion Ratio	Lower	Upper	
42	100		
74	92.6	74.6	111.8
44	6.9	7.4	11.0#





#5

2-Fluorophenol

Concen: 146.399 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

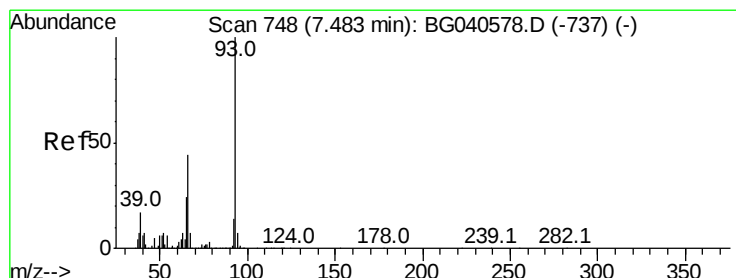
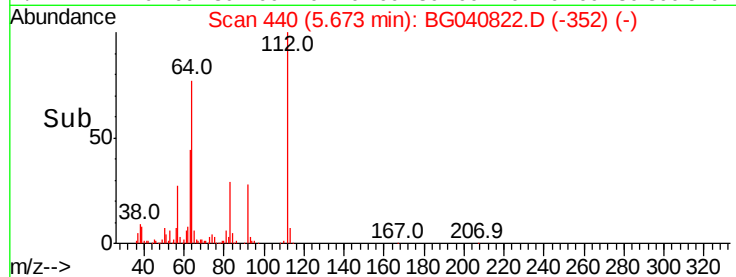
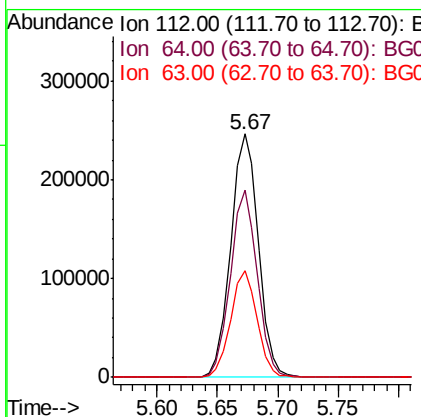
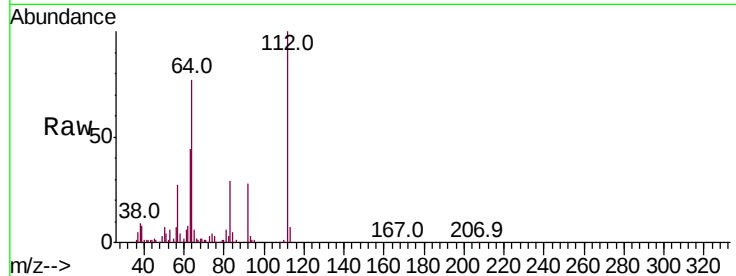
ClientSampleId :

PB119587BS

Tot Ion:	112	Resp:	392522
Ion Ratio	Lower	Upper	
112	100		
64	76.8	61.4	92.0
63	44.1	37.8	56.6

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#6

Aniline

Concen: 26.761 ng

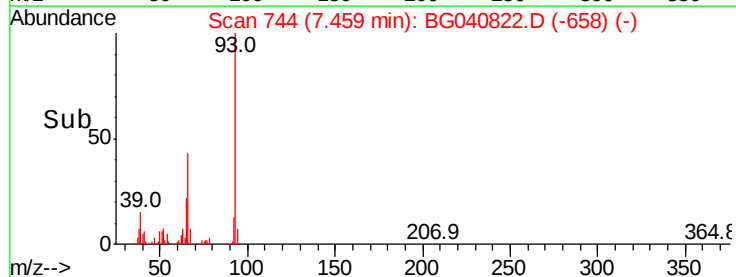
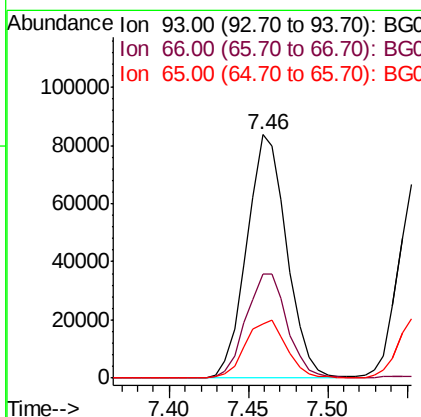
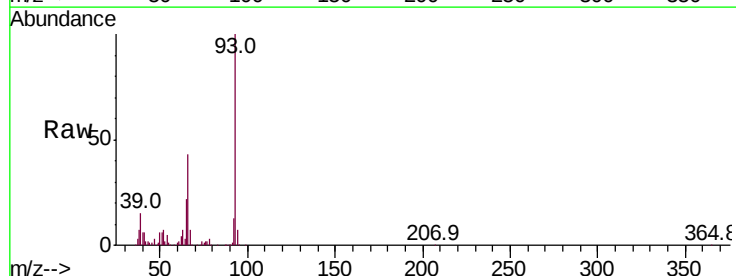
RT: 7.46 min Scan# 744

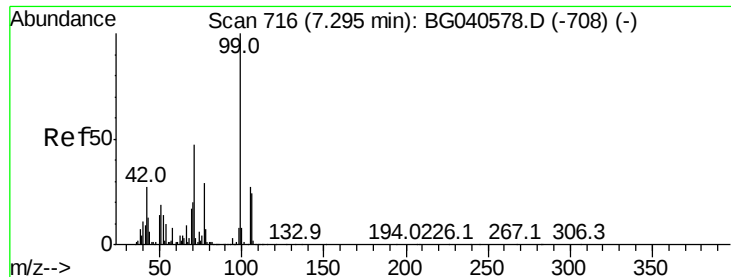
Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion:	93	Resp:	146431
Ion Ratio	Lower	Upper	
93	100		
66	42.5	35.5	53.3
65	22.1	19.2	28.8





#7

Phenol-d6

Concen: 135.768 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

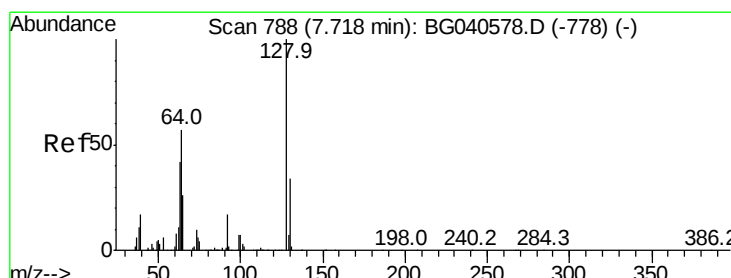
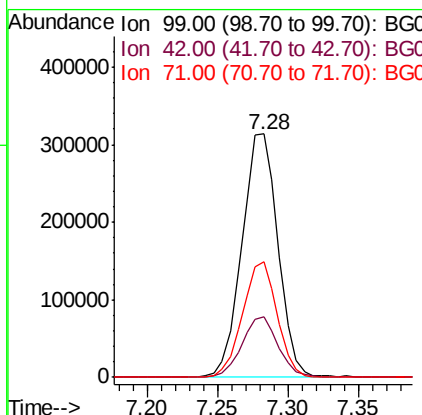
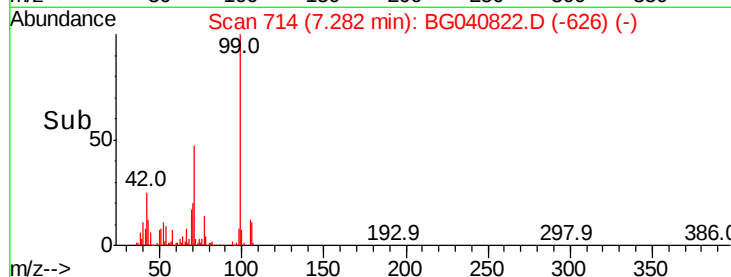
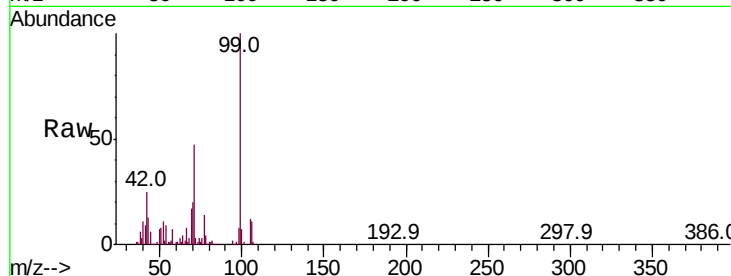
ClientSampleId :

PB119587BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		560487		
42	24.9	21.8	32.8		
71	47.3	38.6	57.8		

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#8

2-Chlorophenol

Concen: 39.347 ng

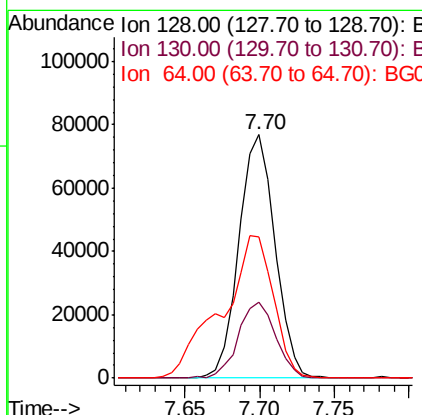
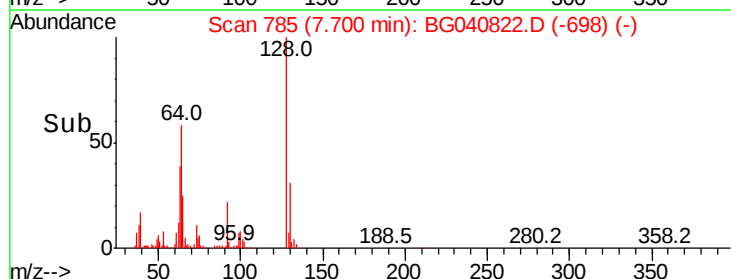
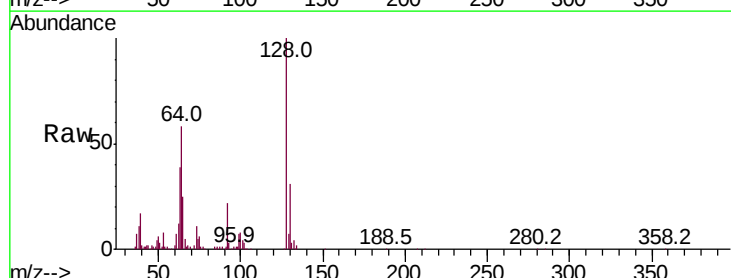
RT: 7.70 min Scan# 785

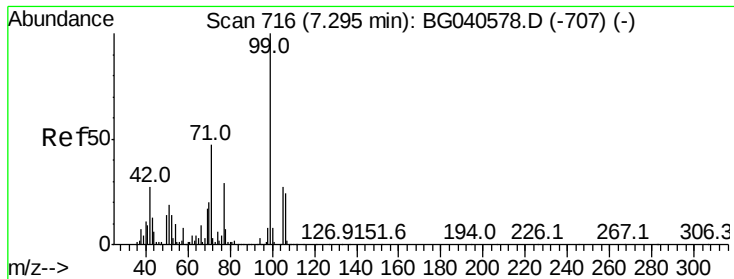
Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		128817		
130	31.4	14.5	54.5		
64	58.0	38.4	78.4		





#9

Benzaldehyde

Concen: 31.015 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

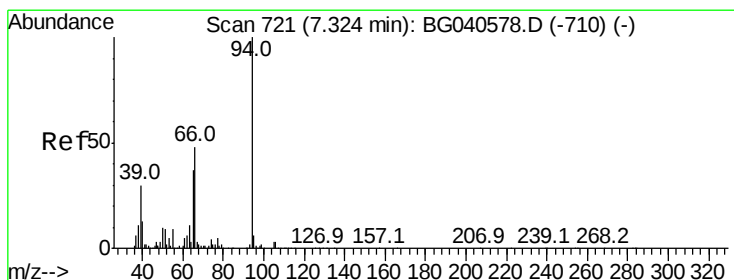
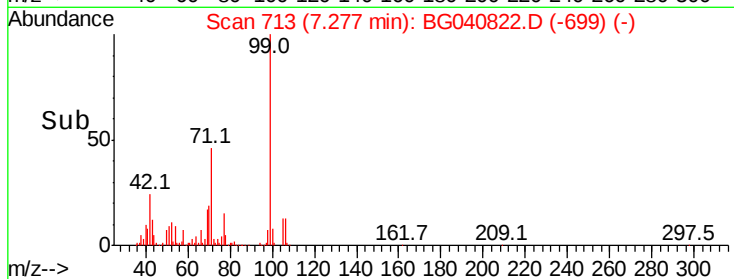
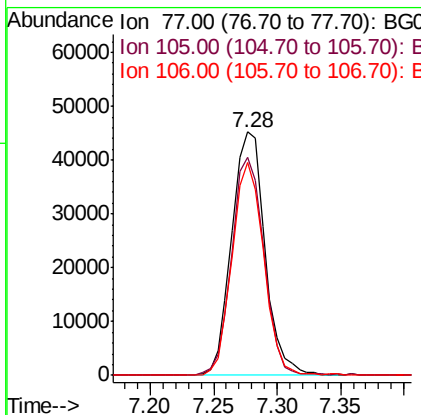
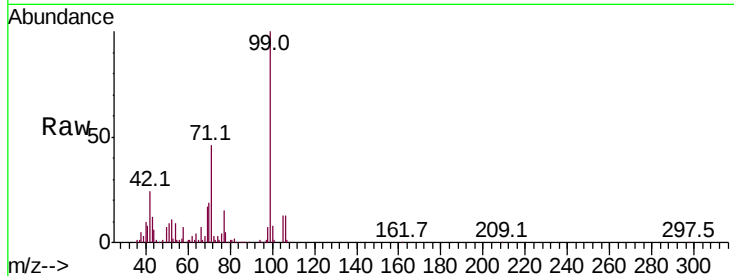
ClientSampleId :

PB119587BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.8	72.0	112.0
106	87.5	61.2	101.2

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#10

Phenol

Concen: 39.670 ng

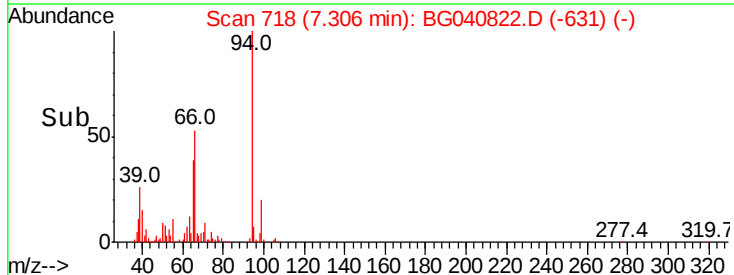
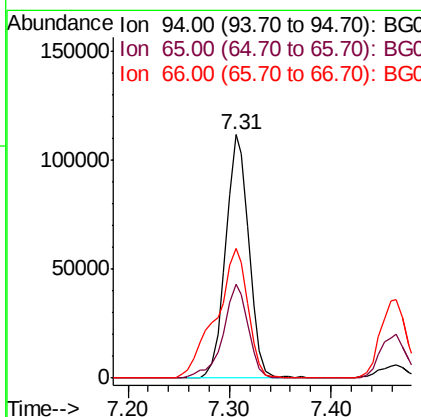
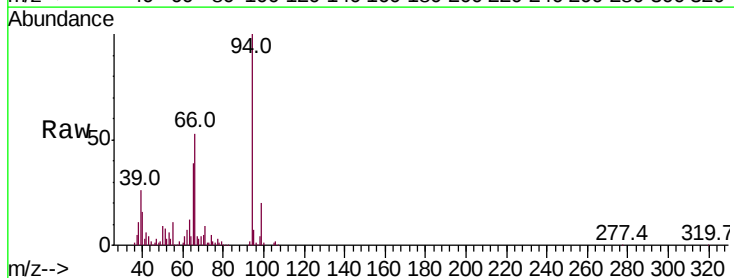
RT: 7.31 min Scan# 718

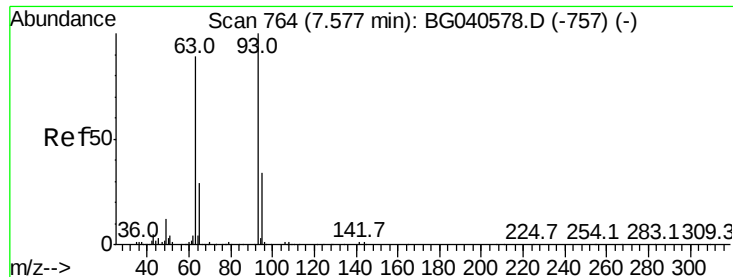
Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.7	17.0	57.0
66	53.5	28.6	68.6





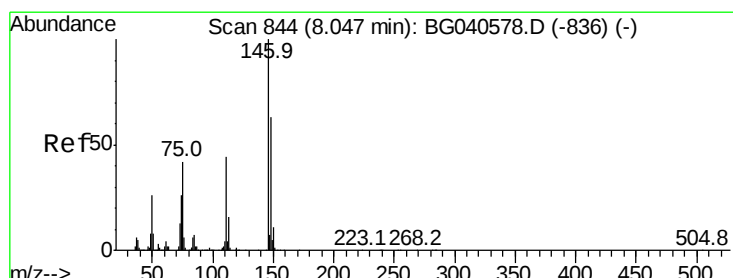
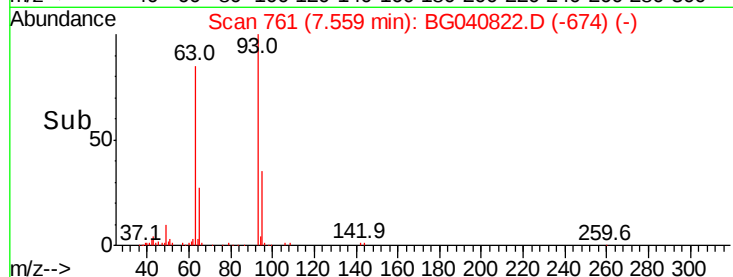
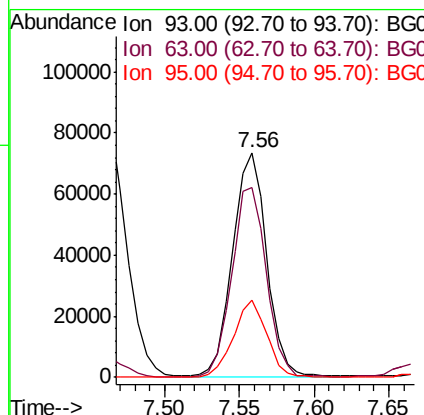
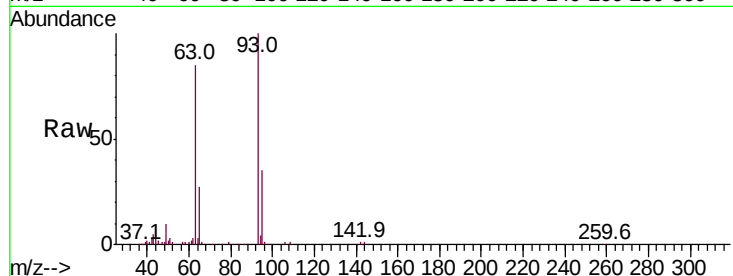
#11
bis(2-Chloroethyl)ether
Concen: 35.427 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampled :
PB119587BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	117893		
63	84.7		68.2	108.2
95	34.5		14.3	54.3

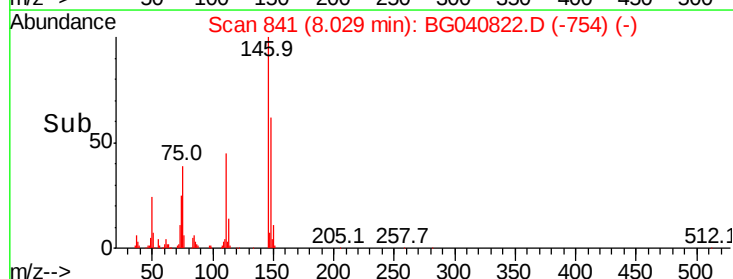
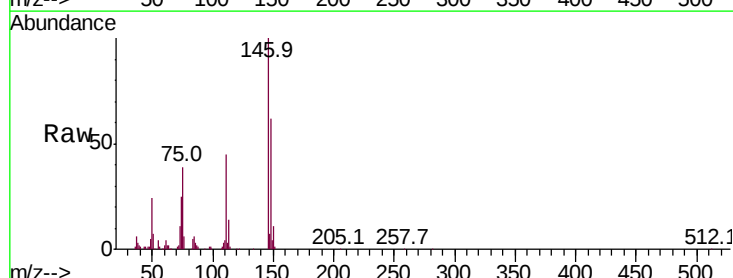
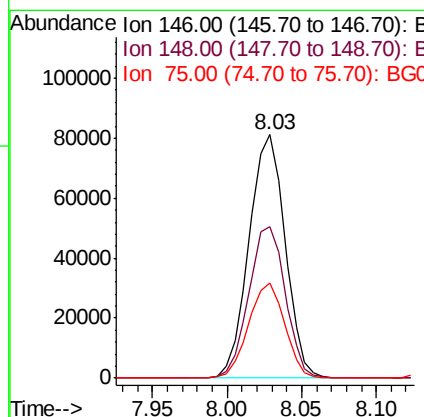
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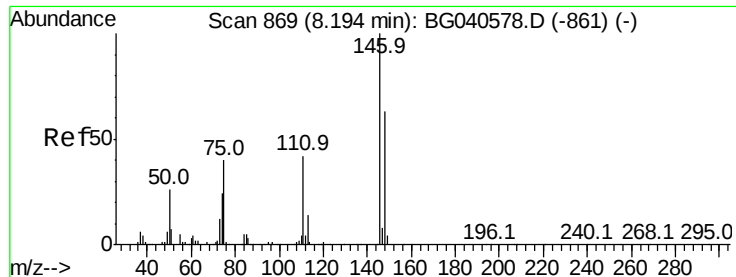
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#12
1,3-Dichlorobenzene
Concen: 37.943 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	135585		
148	62.1		50.7	76.1
75	39.1		33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 38.016 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

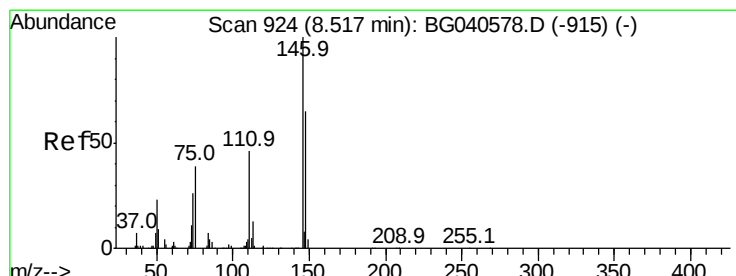
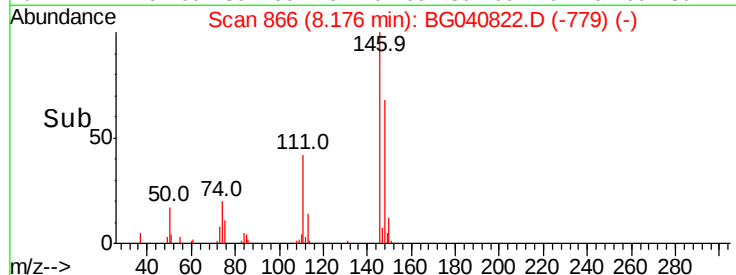
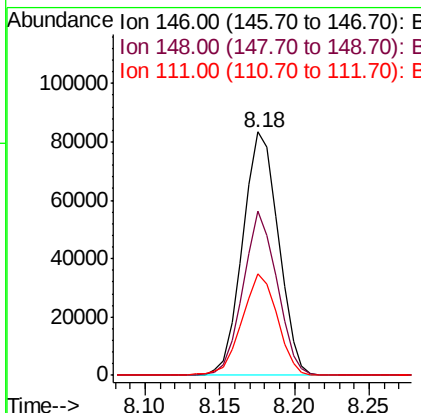
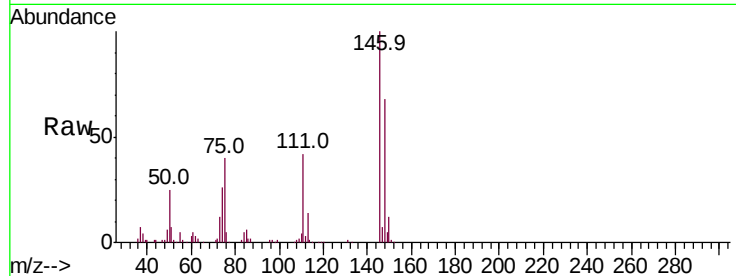
ClientSampled :

PB119587BS

Tot Ion:	146	Resp:	137708
Ion Ratio	Lower	Upper	
146	100		
148	67.7	50.6	75.8
111	41.7	34.3	51.5

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#14

1,2-Dichlorobenzene

Concen: 37.286 ng

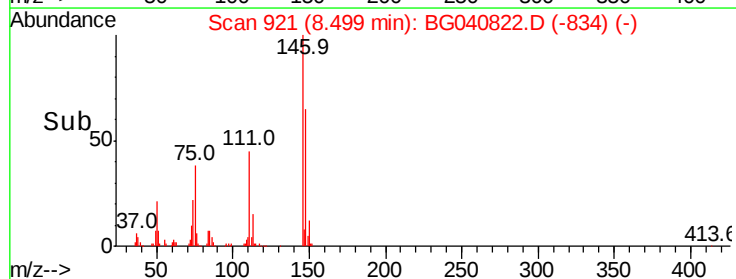
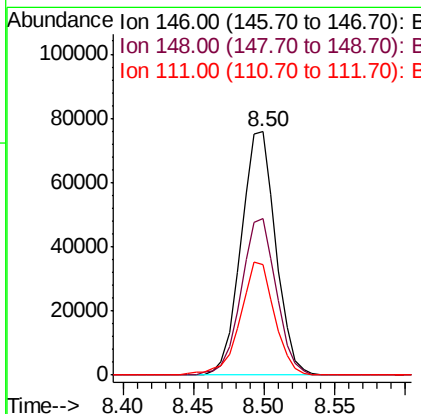
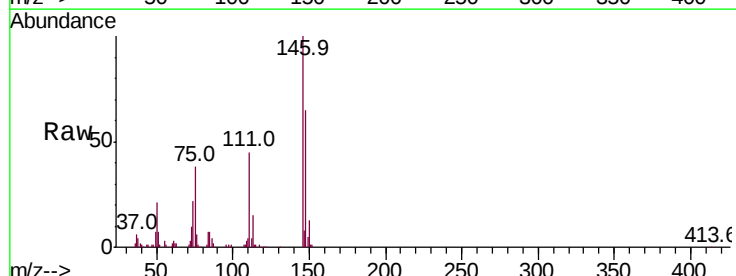
RT: 8.50 min Scan# 921

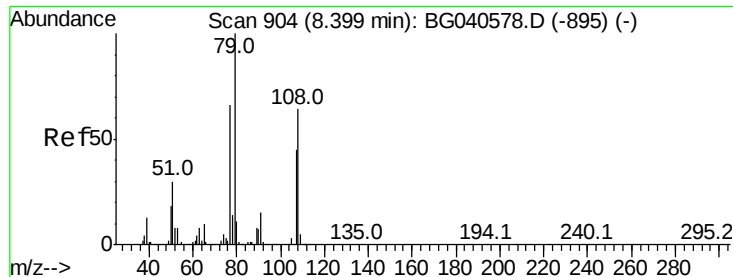
Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion:	146	Resp:	130257
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.2	78.4
111	45.2	37.4	56.0





#15

Benzyl Alcohol

Concen: 33.830 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

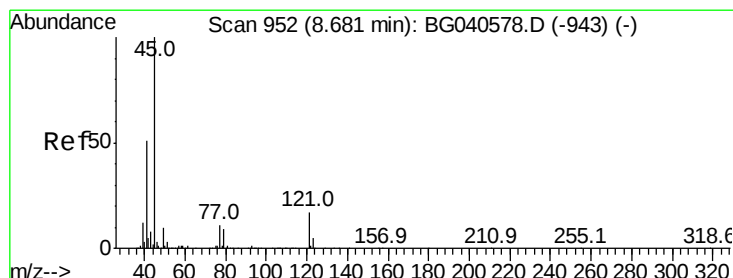
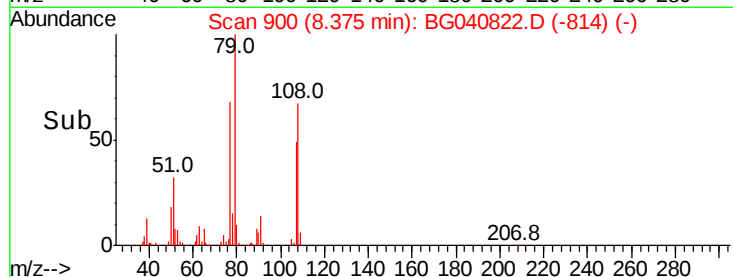
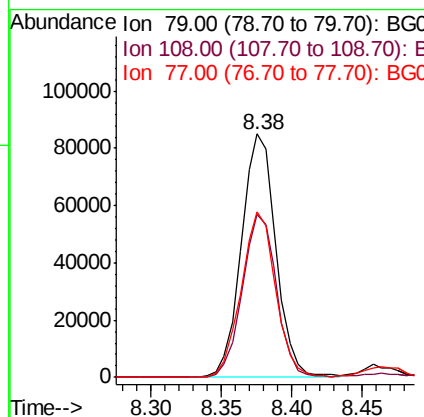
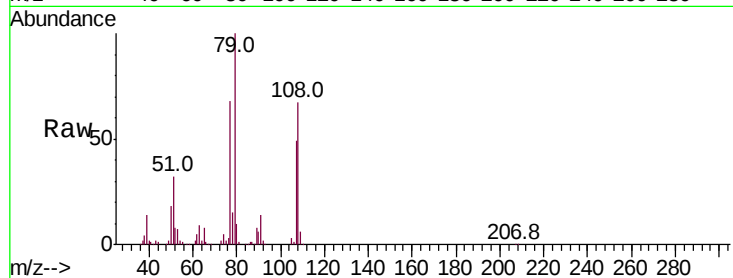
ClientSampleId :

PB119587BS

Tot Ion:	79	Resp:	145318
Ion Ratio	Lower	Upper	
79	100		
108	66.8	51.4	77.0
77	68.1	52.6	79.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.327 ng

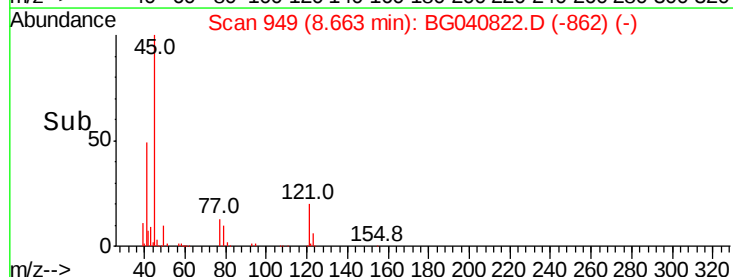
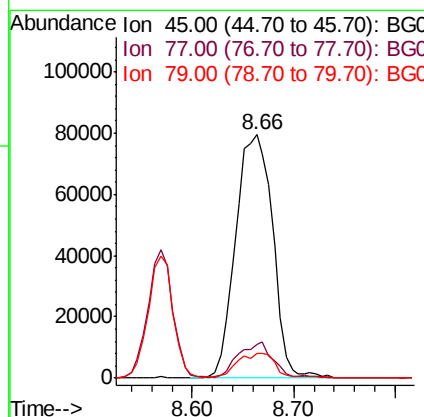
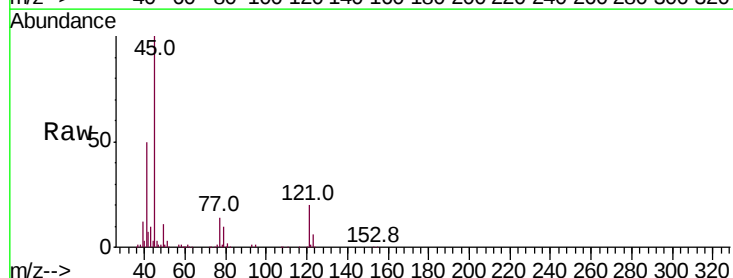
RT: 8.66 min Scan# 949

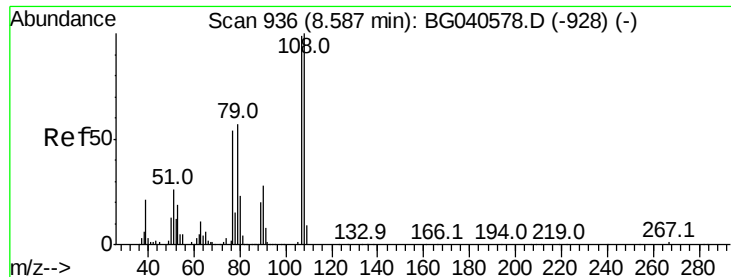
Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion:	45	Resp:	200923
Ion Ratio	Lower	Upper	
45	100		
77	14.1	0.0	31.5
79	10.2	0.0	29.4





#17

2-Methylphenol

Concen: 38.305 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

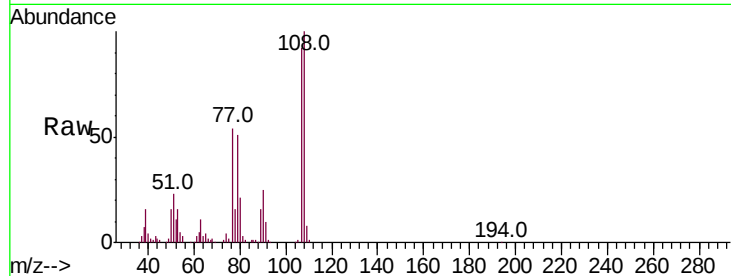
ClientSampleId :

PB119587BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.3	81.2	121.8	
77	58.4	44.4	66.6	
79	55.5	47.0	70.4	

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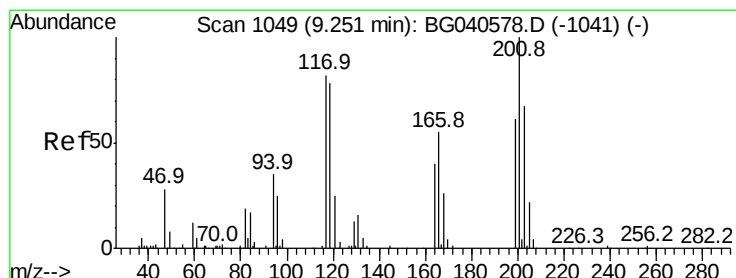
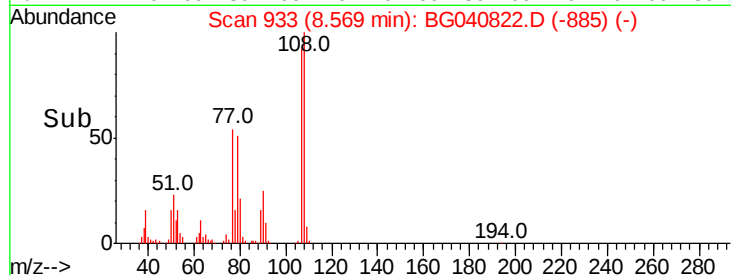
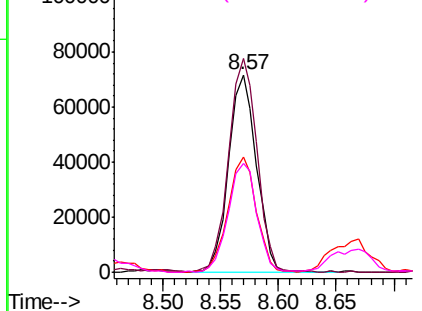
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 35.109 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

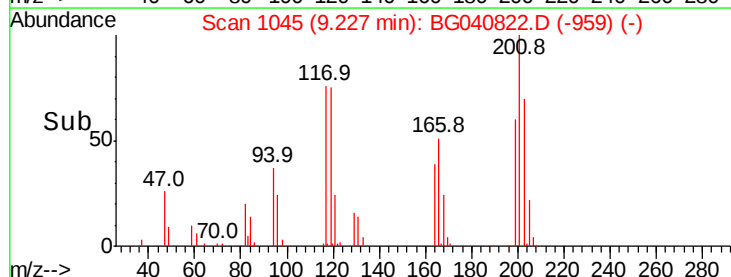
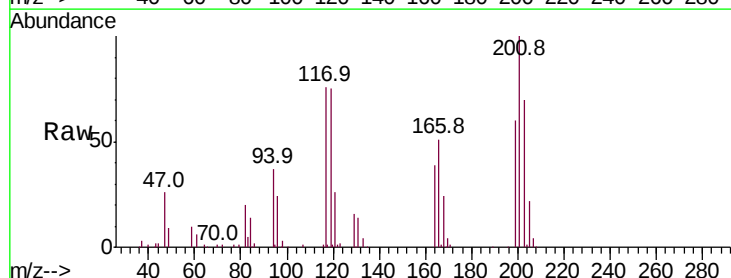
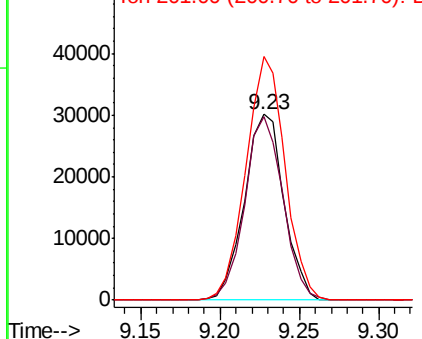
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	76.6	114.8	
201	129.5	101.0	151.6	

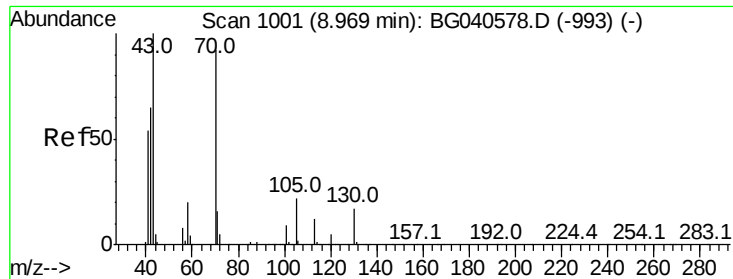
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





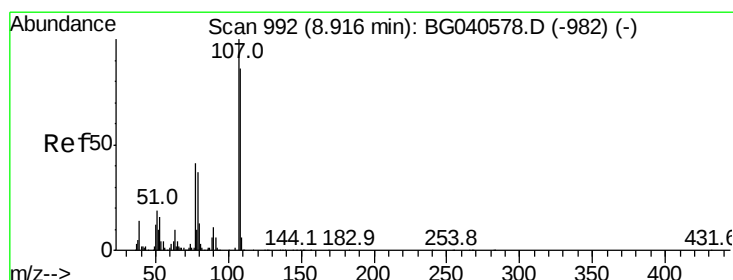
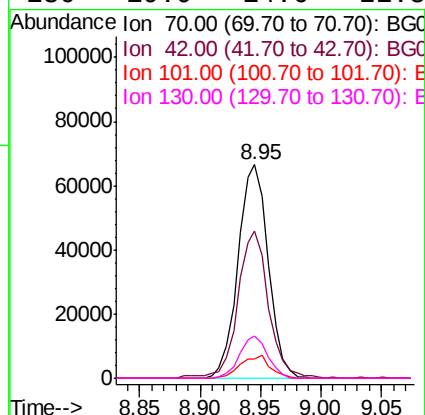
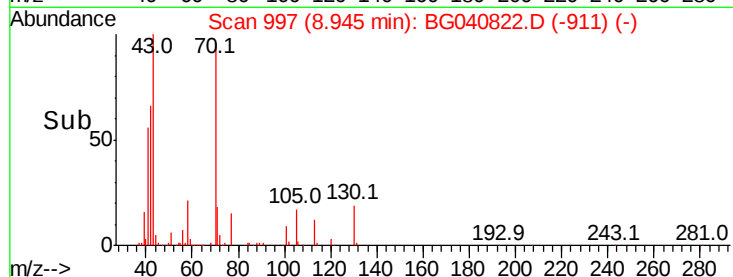
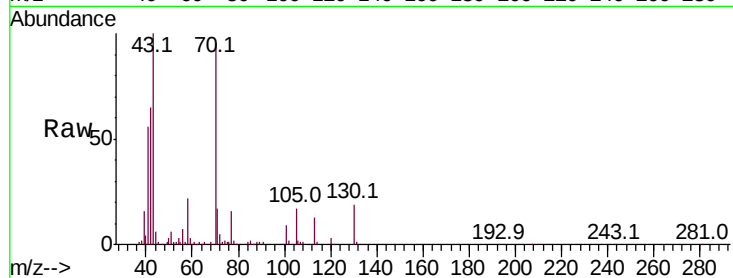
#19
n-Nitroso-di-n-propylamine
Concen: 31.169 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampled :
PB119587BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.1	57.1	85.7
101	9.2	7.8	11.8
130	19.9	14.6	21.8

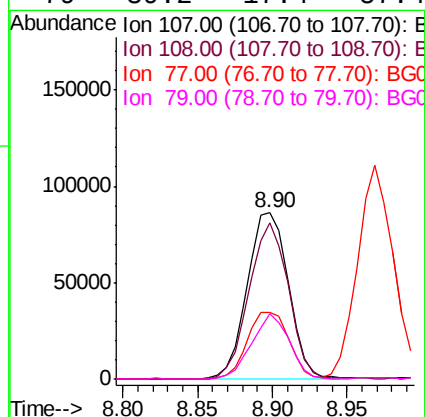
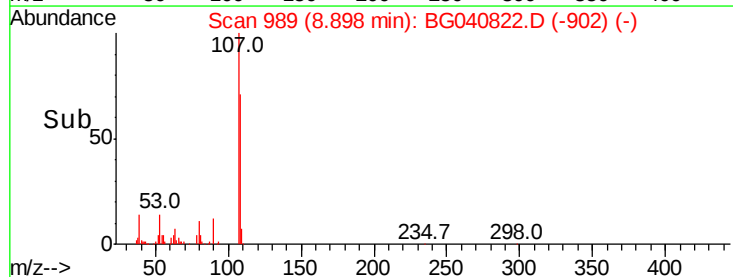
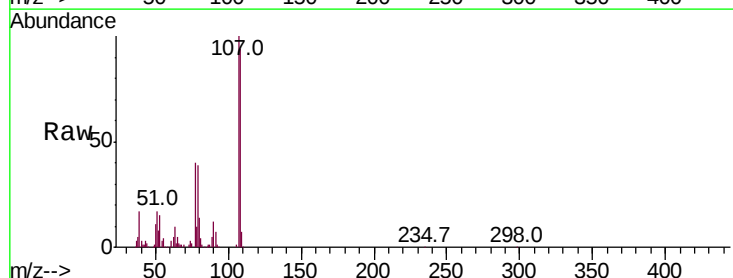
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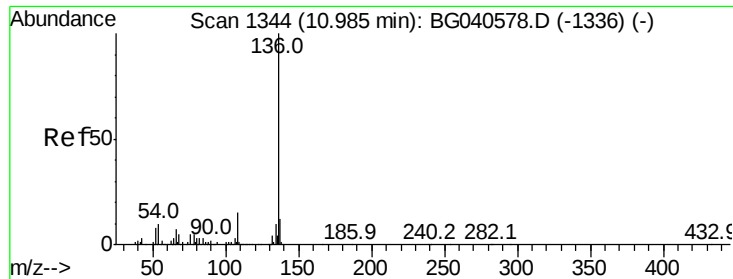
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#20
3+4-Methylphenols
Concen: 37.650 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.7	66.1	106.1
77	40.0	21.6	61.6
79	39.2	17.4	57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

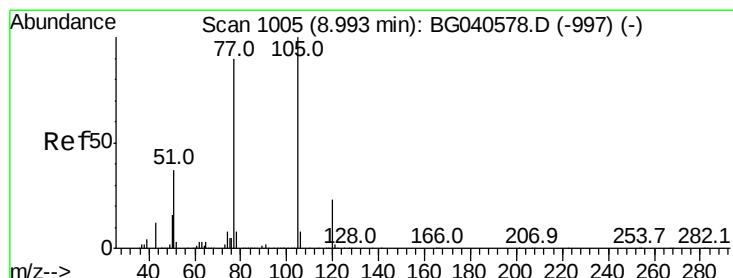
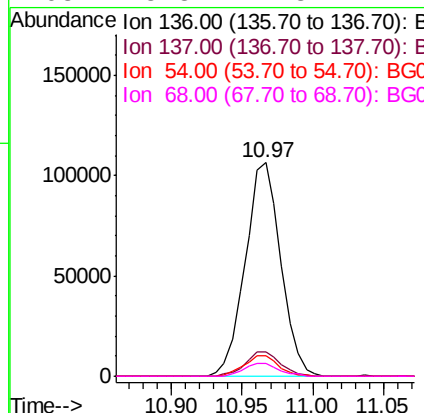
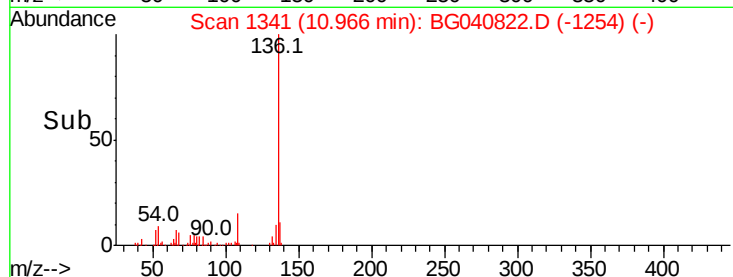
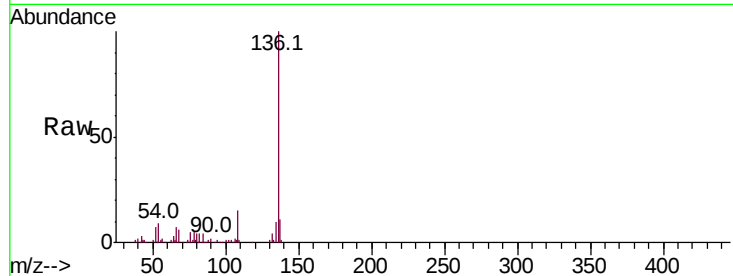
ClientSampleId :

PB119587BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	187935		
137	11.2		9.7	14.5
54	9.4		8.6	12.8
68	5.8		4.8	7.2

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#22

Acetophenone

Concen: 40.919 ng

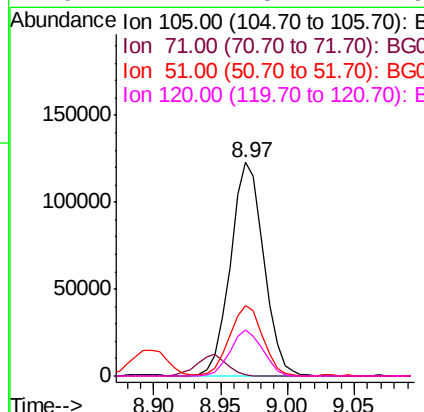
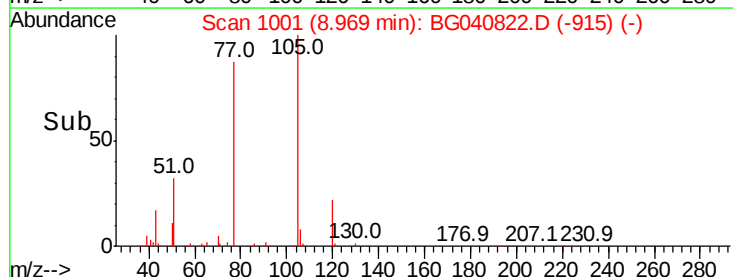
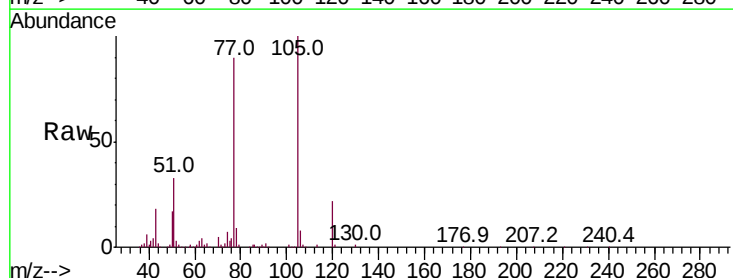
RT: 8.97 min Scan# 1001

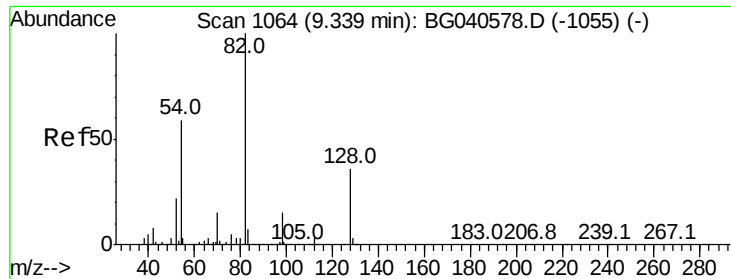
Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	213844		
71	0.9		1.8	2.8#
51	32.8		29.8	44.8
120	21.7		18.4	27.6





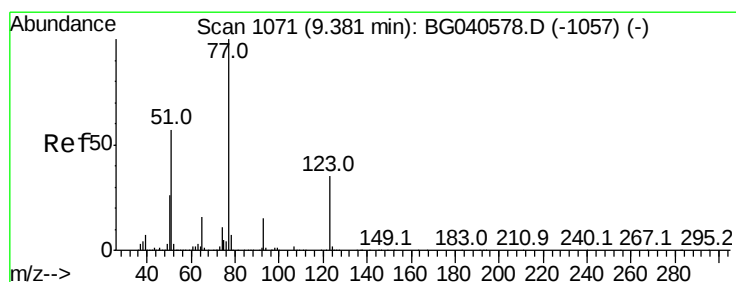
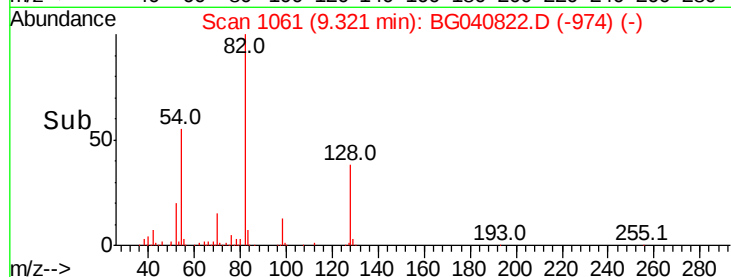
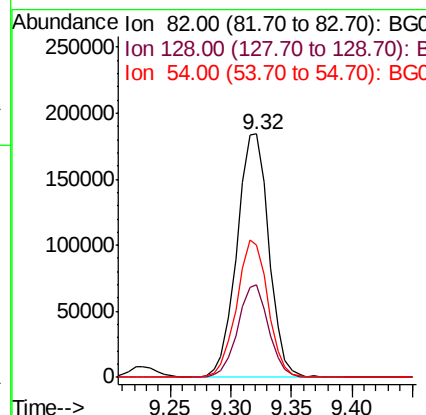
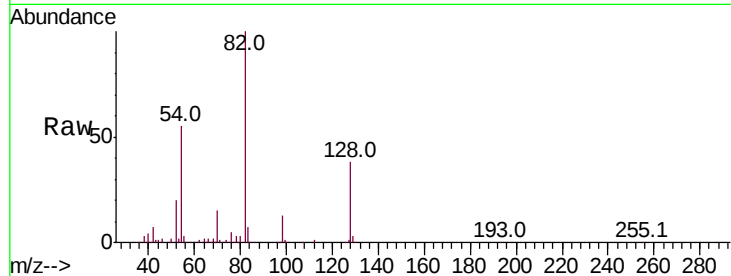
#23
Nitrobenzene-d5
Concen: 83.631 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampled :
PB119587BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.1	28.9	43.3	
54	54.5	47.2	70.8	

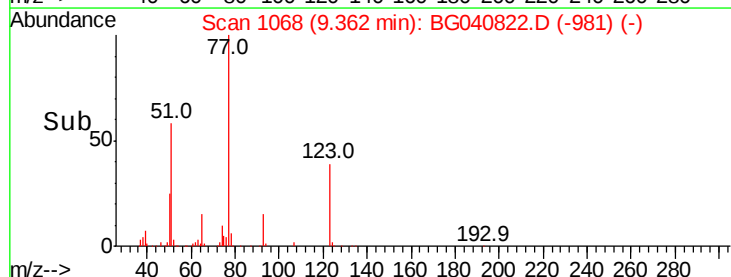
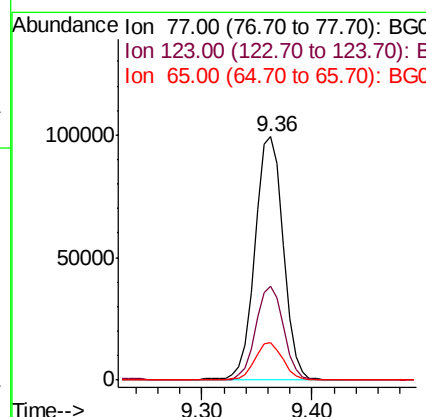
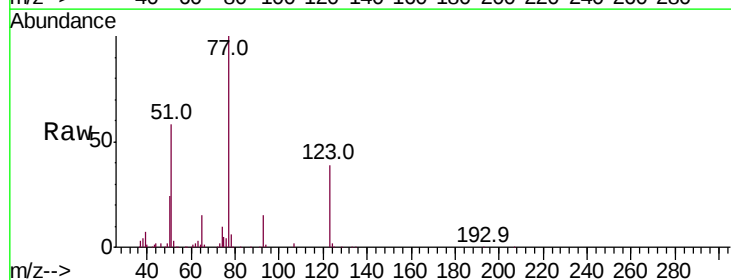
Manual Integrations
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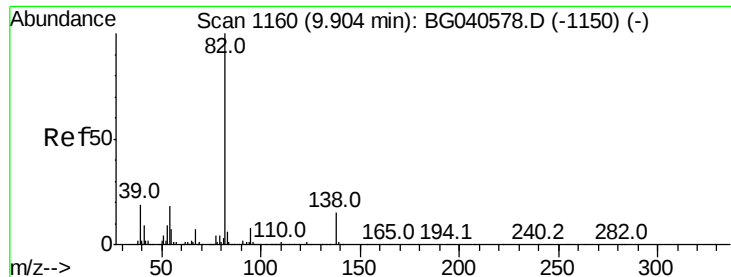
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#24
Nitrobenzene
Concen: 41.402 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	38.8	27.8	41.6	
65	15.3	12.4	18.6	





#25

Isophorone

Concen: 35.762 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

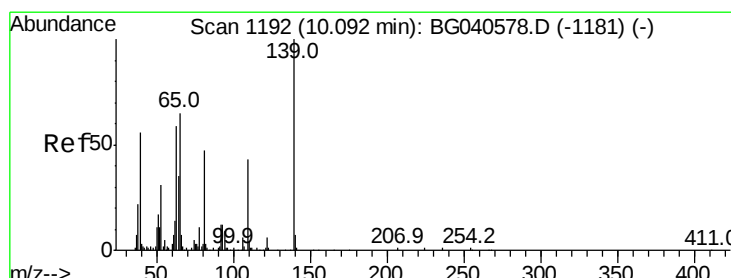
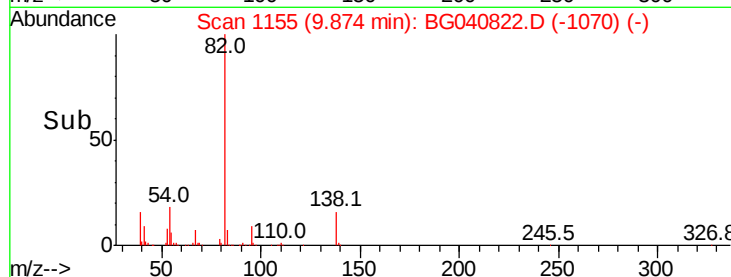
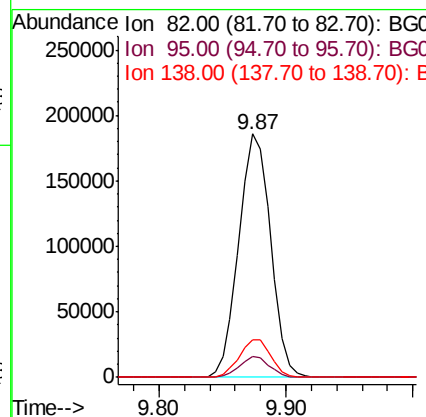
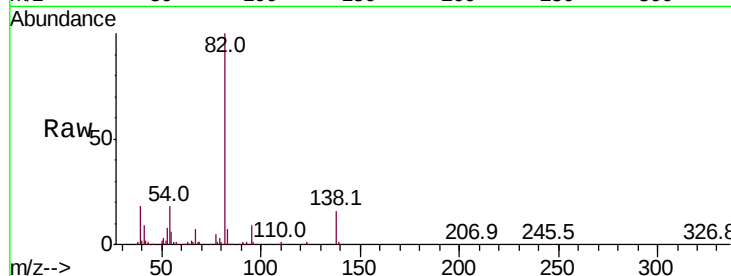
ClientSampleId :

PB119587BS

Tot Ion:	82	Resp:	324002
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.9	10.3
138	15.6	12.3	18.5

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#26

2-Nitrophenol

Concen: 48.631 ng

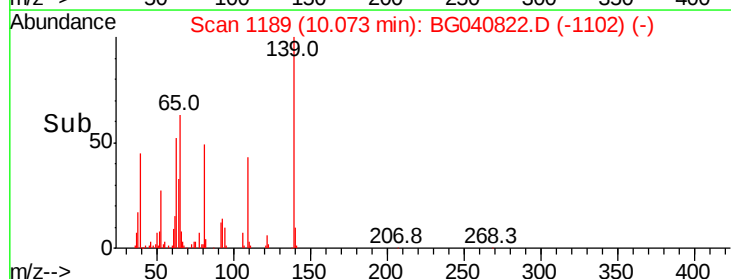
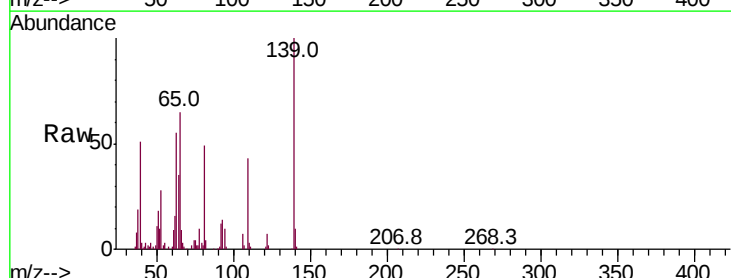
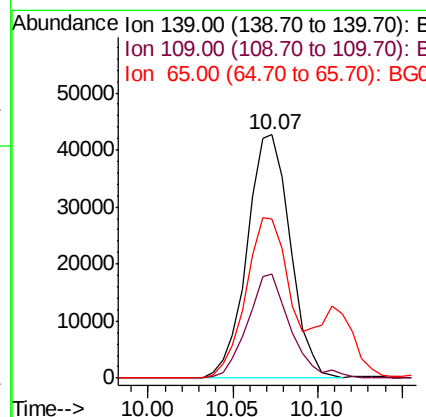
RT: 10.07 min Scan# 1189

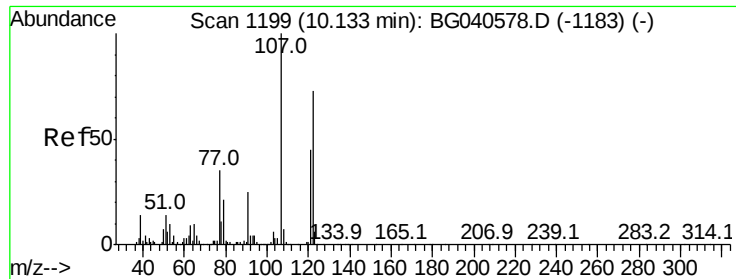
Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion:	139	Resp:	75649
Ion Ratio	Lower	Upper	
139	100		
109	42.9	35.6	53.4
65	65.3	52.3	78.5





#27

2,4-Dimethylphenol

Concen: 45.477 ng

RT: 10.11 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

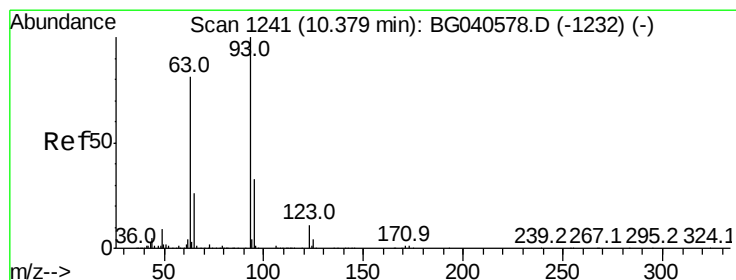
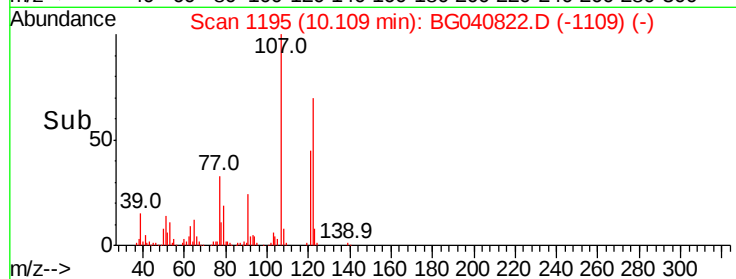
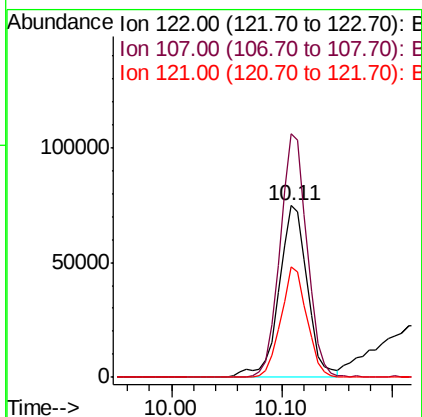
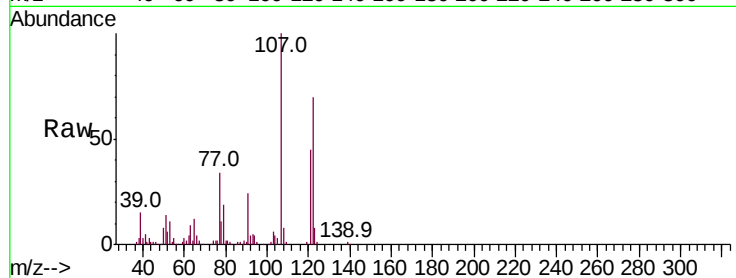
ClientSampleId :

PB119587BS

Tot Ion:	122	Resp:	132732
Ion Ratio	Lower	Upper	
122	100		
107	141.9	110.1	165.1
121	64.4	49.4	74.0

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#28

bis(2-Chloroethoxy)methane

Concen: 37.274 ng

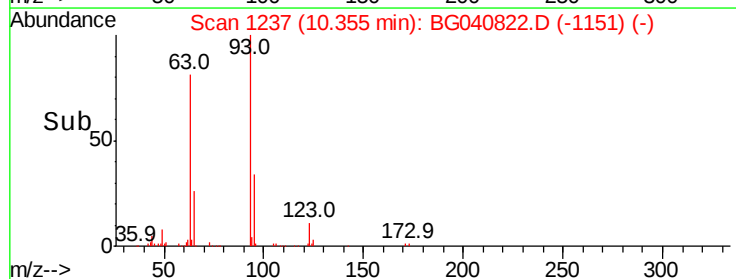
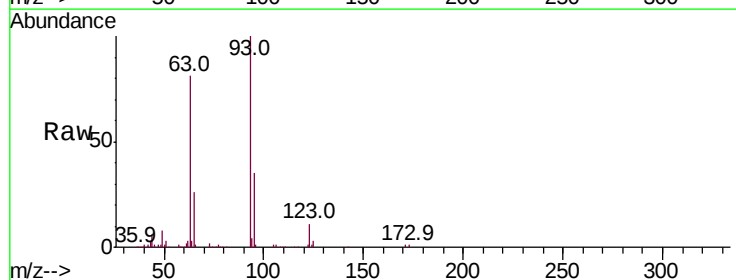
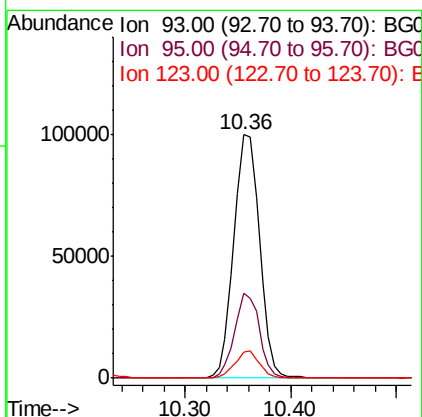
RT: 10.36 min Scan# 1237

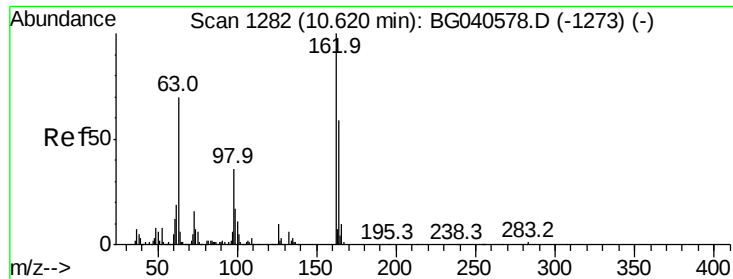
Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion:	93	Resp:	169432
Ion Ratio	Lower	Upper	
93	100		
95	34.6	26.6	40.0
123	10.9	9.0	13.4





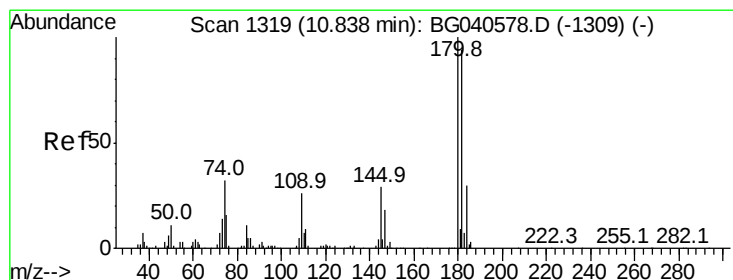
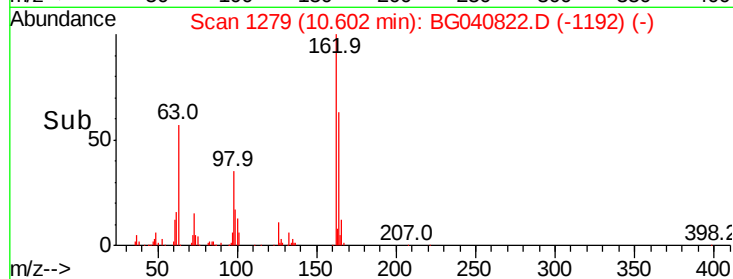
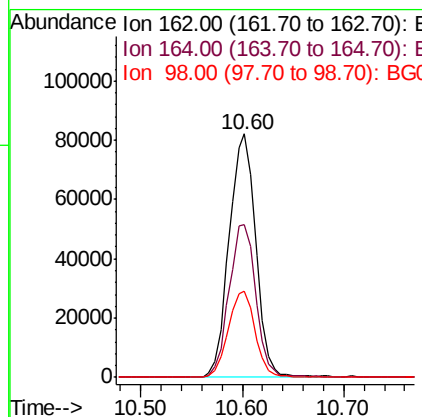
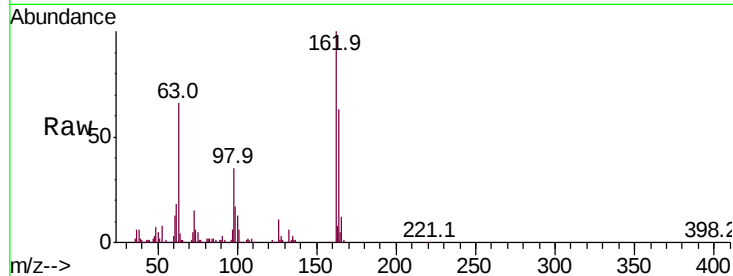
#29
2,4-Dichlorophenol
Concen: 45.173 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampled :
PB119587BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.7	38.9	78.9	
98	35.2	16.8	56.8	

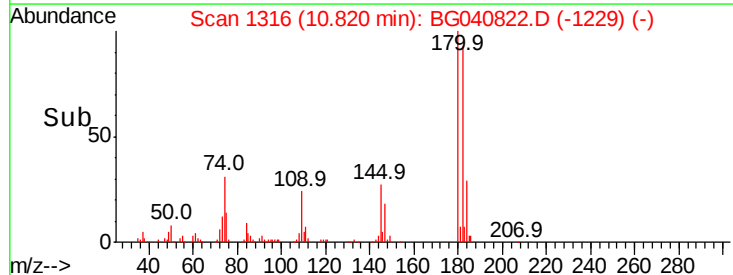
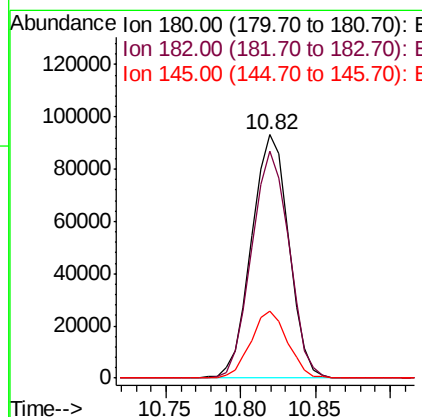
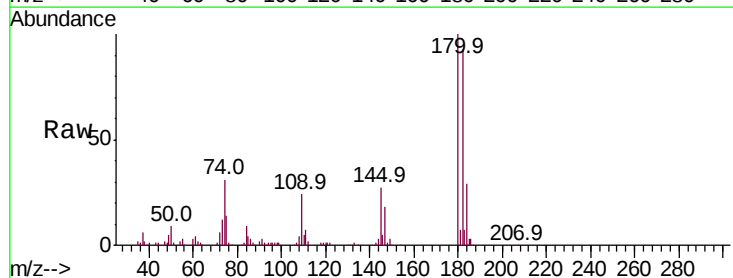
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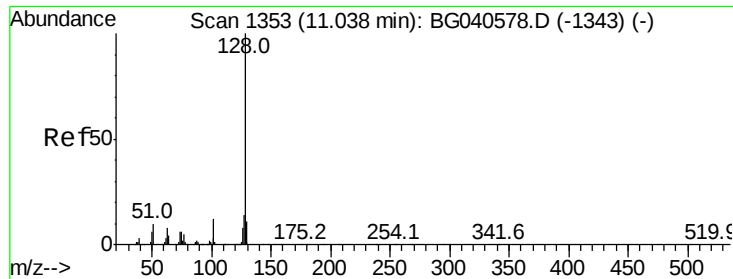
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#30
1,2,4-Trichlorobenzene
Concen: 43.652 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.4	75.2	112.8	
145	27.4	23.6	35.4	





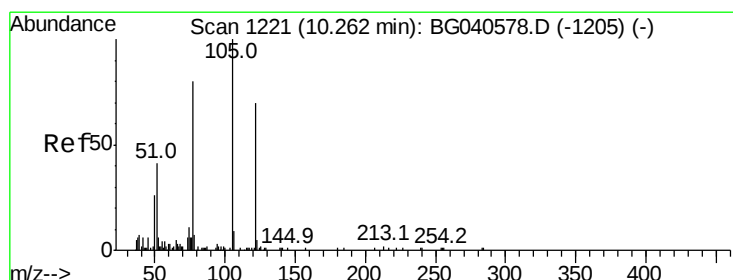
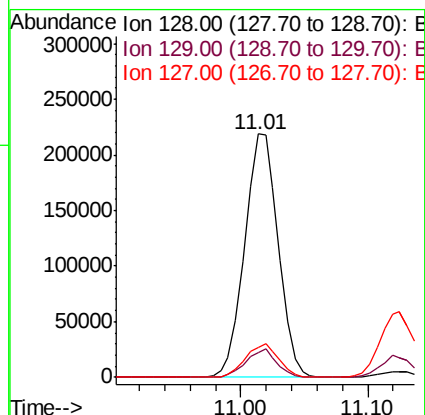
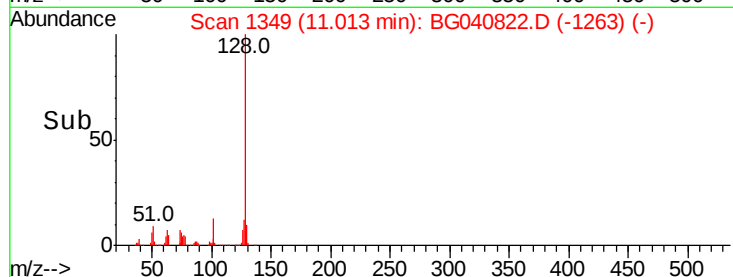
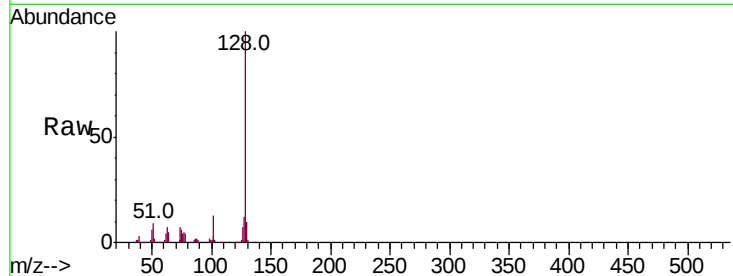
#31
Naphthalene
Concen: 40.171 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampleId :
PB119587BS

Tot Ion:	128	Resp:	401087
Ion Ratio	Lower	Upper	
128	100		
129	10.2	9.0	13.6
127	12.4	11.3	16.9

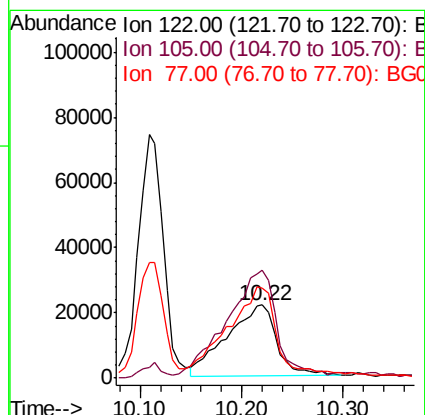
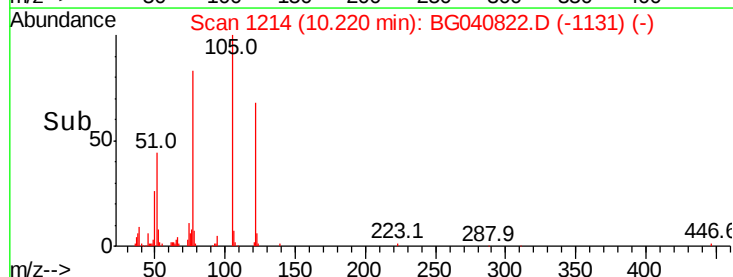
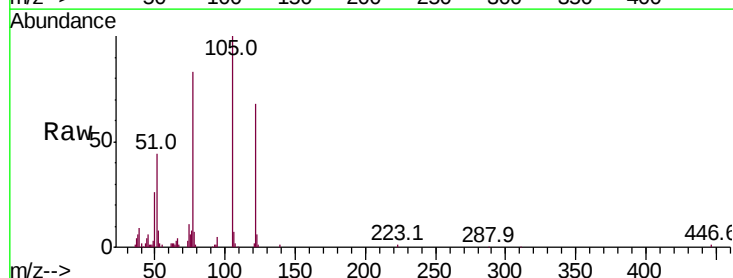
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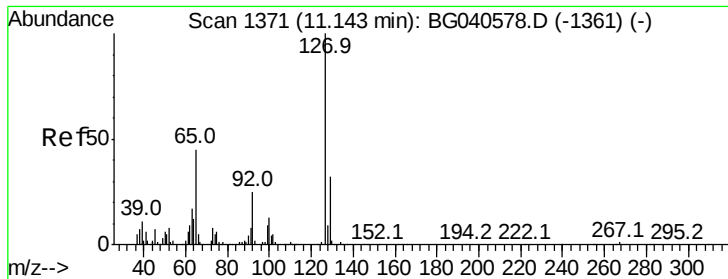
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#32
Benzoic acid
Concen: 37.877 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.04 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion:	122	Resp:	75679
Ion Ratio	Lower	Upper	
122	100		
105	148.1	110.9	150.9
77	123.2	87.6	127.6





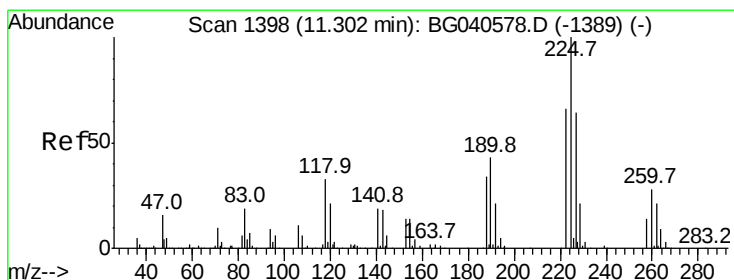
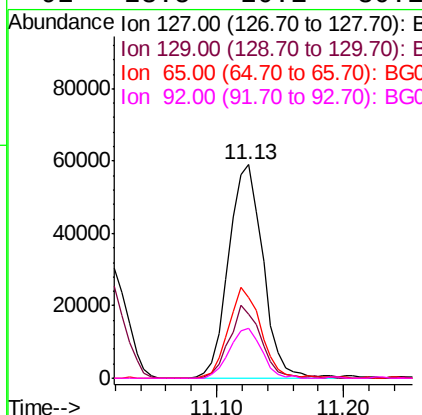
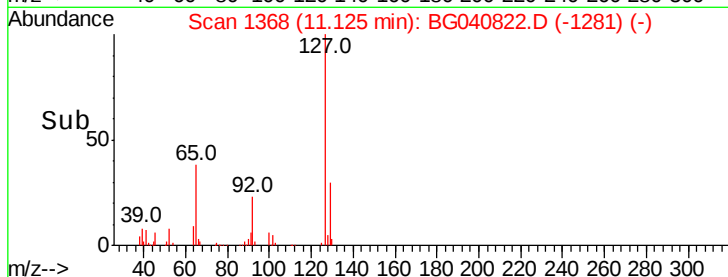
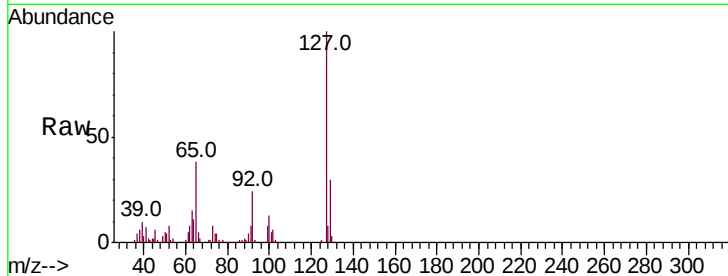
#33
4-Chloroaniline
Concen: 24.996 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampleId :
PB119587BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.0	25.7	38.5	
65	37.9	36.1	54.1	
92	23.5	20.1	30.1	

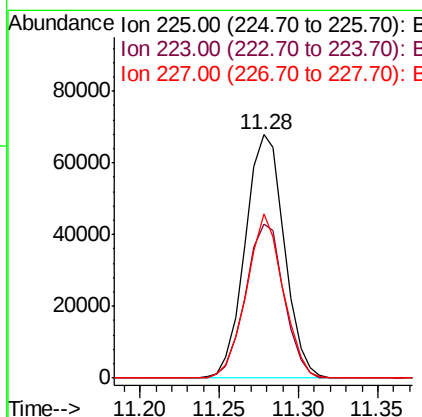
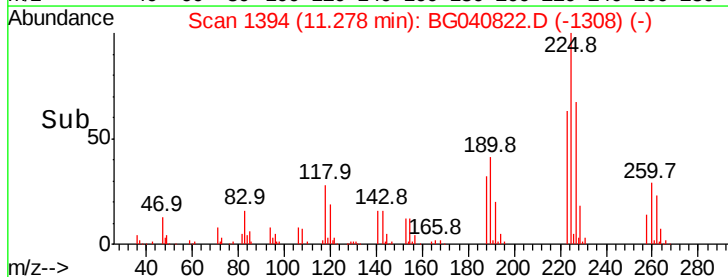
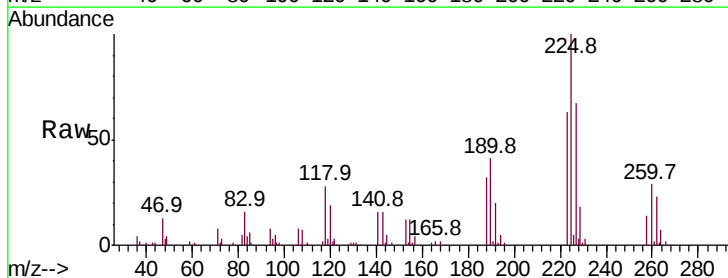
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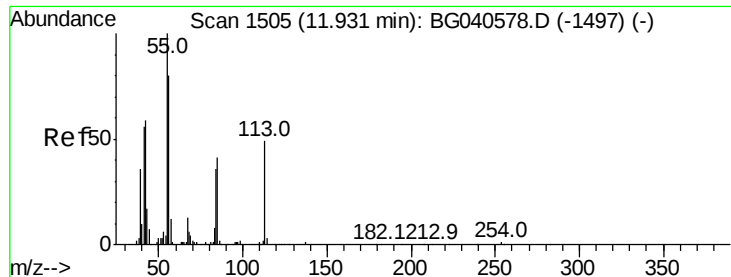
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#34
Hexachlorobutadiene
Concen: 42.755 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	50.4	75.6	
227	67.2	51.0	76.6	





#35

Caprolactam

Concen: 39.096 ng

RT: 11.90 min Scan# 1500

Delta R.T. -0.03 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

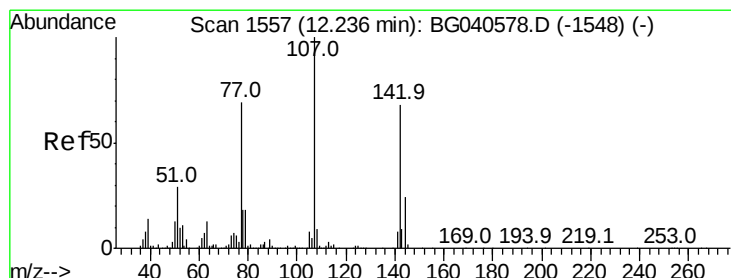
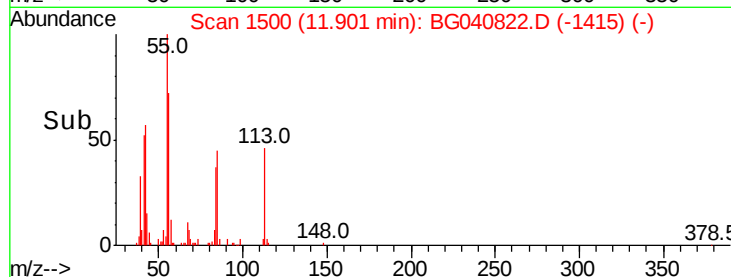
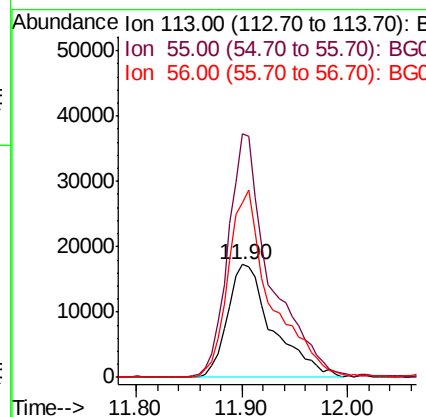
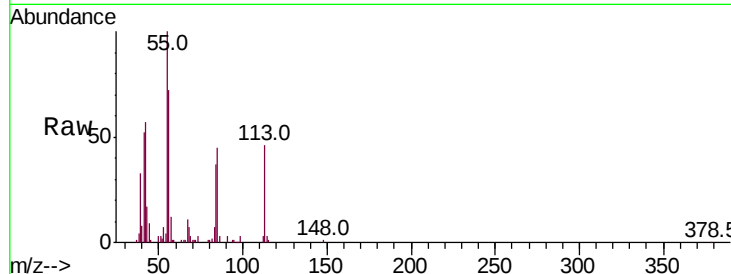
ClientSampleId :

PB119587BS

Tot Ion:	113	Resp:	51216
Ion	Ratio	Lower	Upper
113	100		
55	215.6	198.6	238.6
56	154.9	148.4	188.4

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 41.820 ng

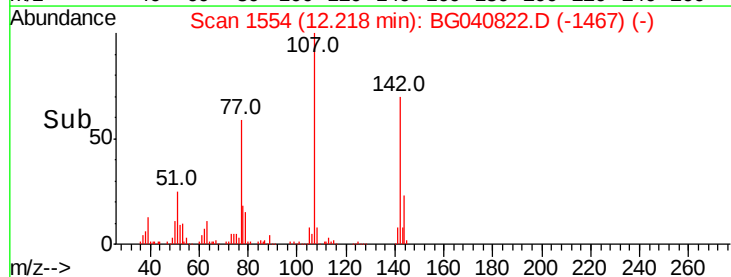
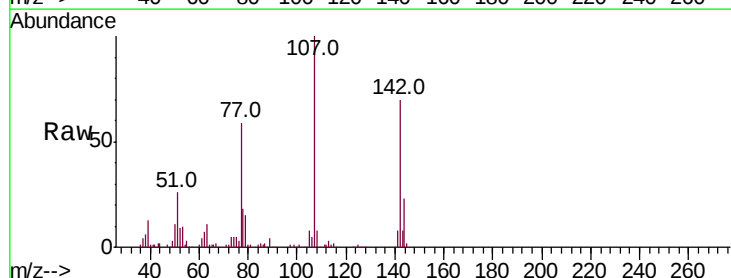
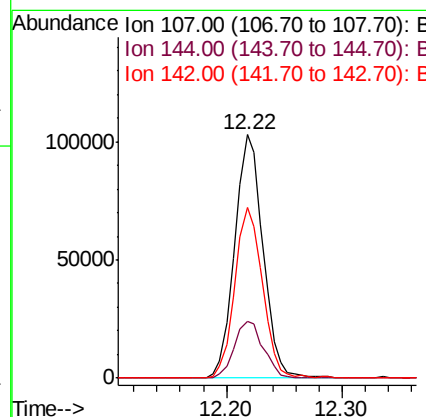
RT: 12.22 min Scan# 1554

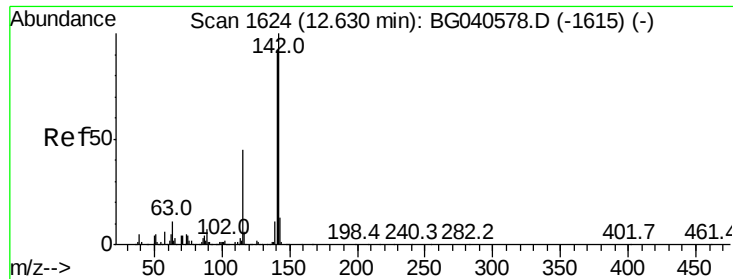
Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion:	107	Resp:	175053
Ion	Ratio	Lower	Upper
107	100		
144	23.3	19.3	28.9
142	70.0	54.6	81.8





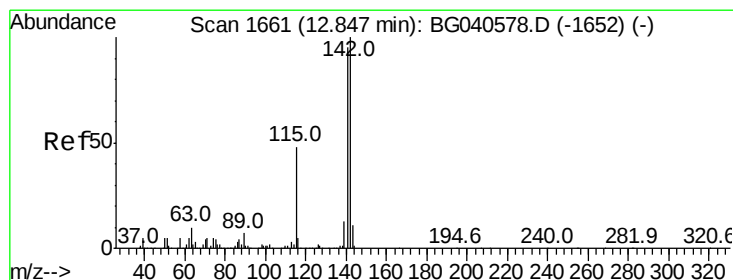
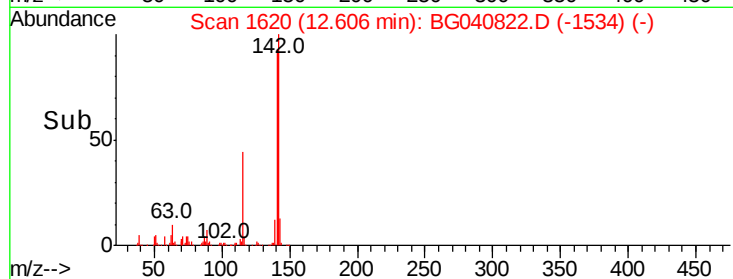
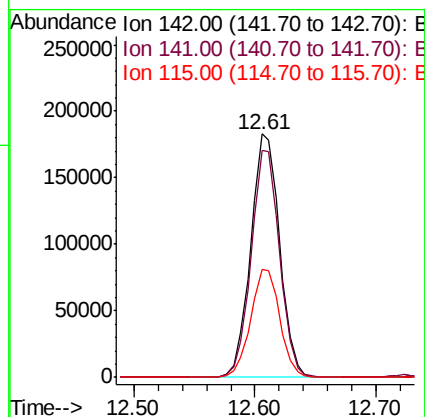
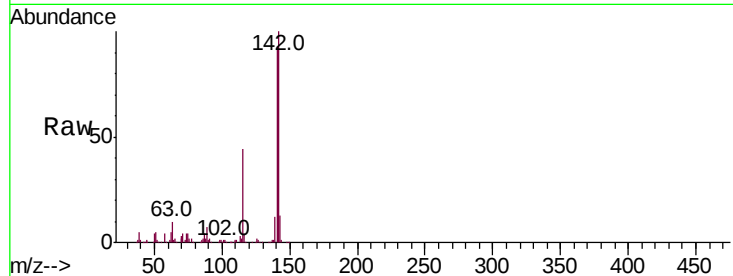
#37
2-Methylnaphthalene
Concen: 40.788 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampleId :
PB119587BS

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	93.0	73.4	110.2
115	44.3	36.2	54.4

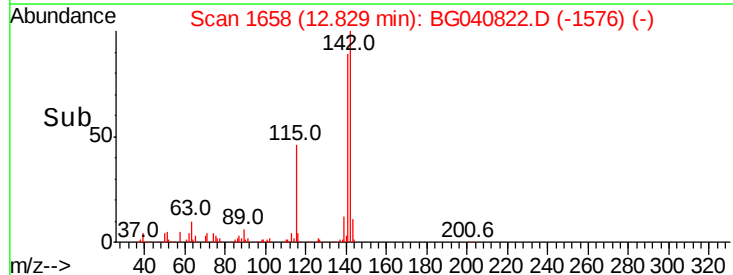
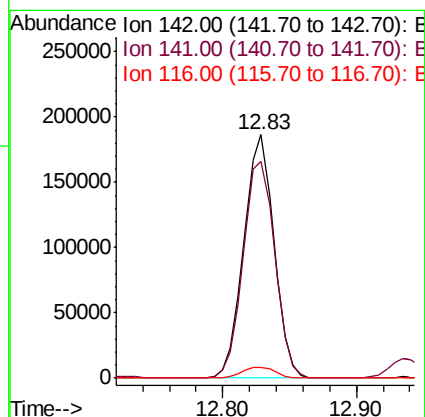
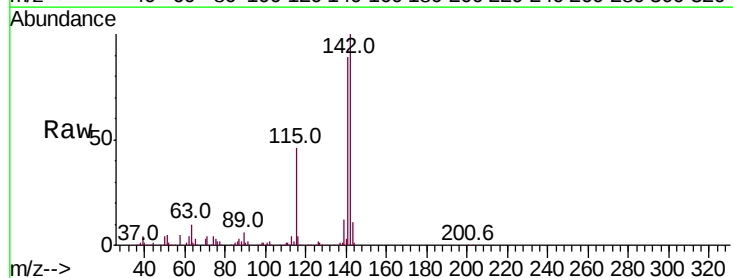
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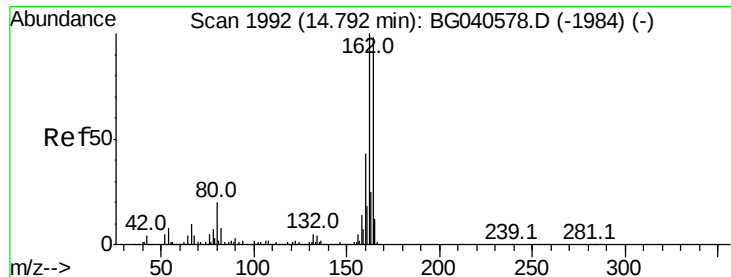
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#38
1-Methylnaphthalene
Concen: 39.923 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	89.1	75.9	113.9
116	4.2	4.2	6.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

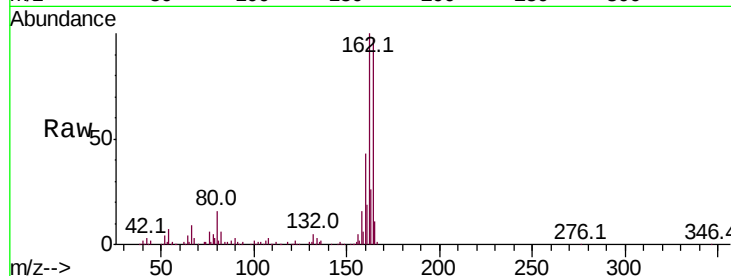
ClientSampleId :

PB119587BS

Tot Ion:	164	Resp:	141556
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.9	122.9
160	44.9	35.4	53.2

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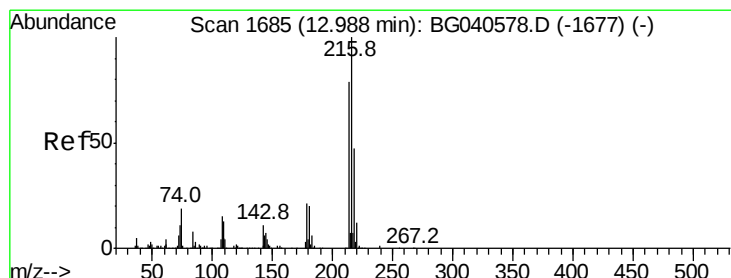
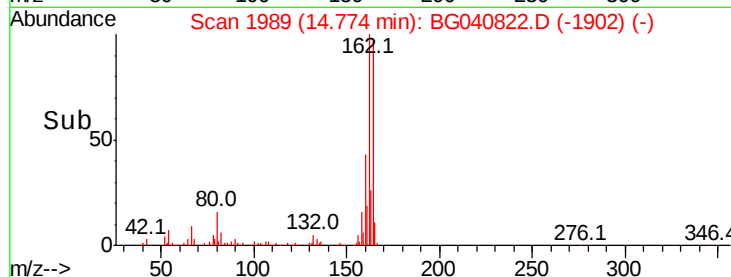
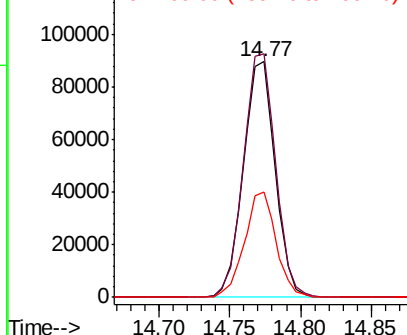


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.296 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion:	216	Resp:	212496
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.7	95.5
179	19.1	16.6	24.8
108	17.1	14.7	22.1

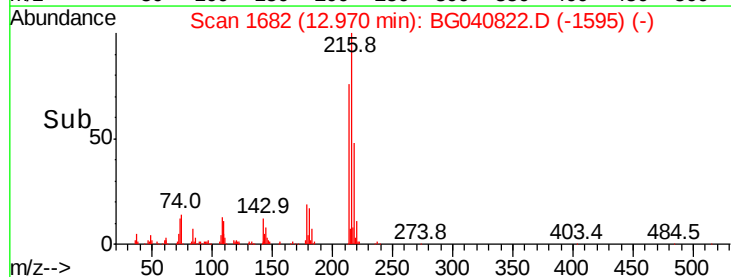
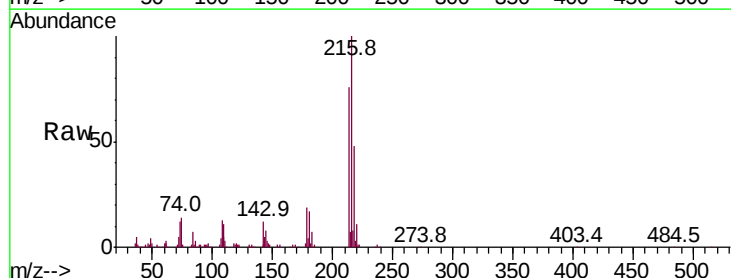
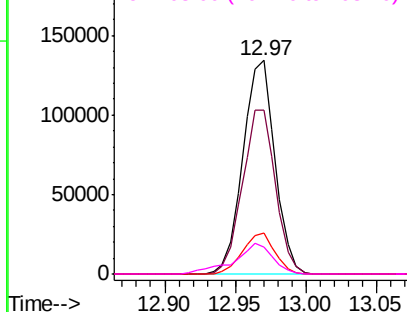
Abundance

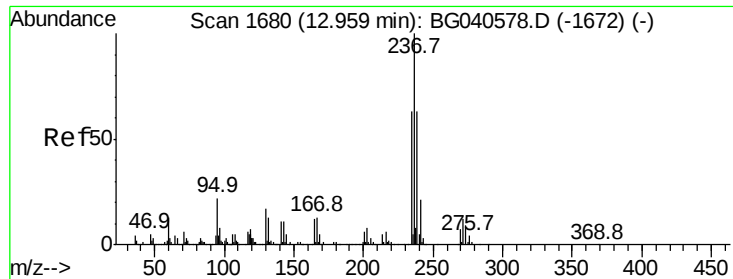
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





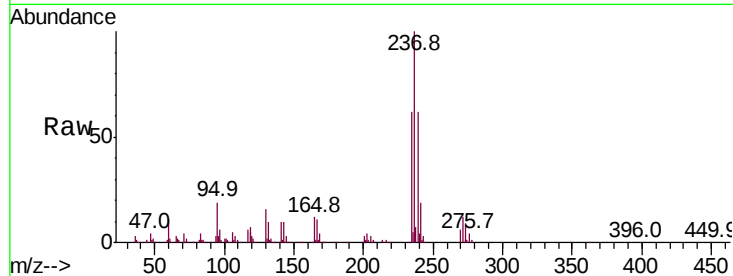
#41
Hexachlorocyclopentadiene
Concen: 79.511 ng
RT: 12.93 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampleId :
PB119587BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.0	42.5	82.5
272	11.7	0.0	31.6

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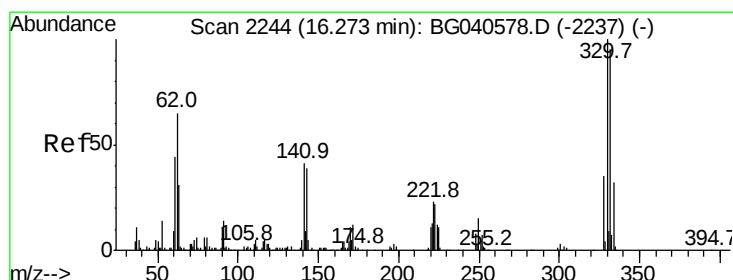
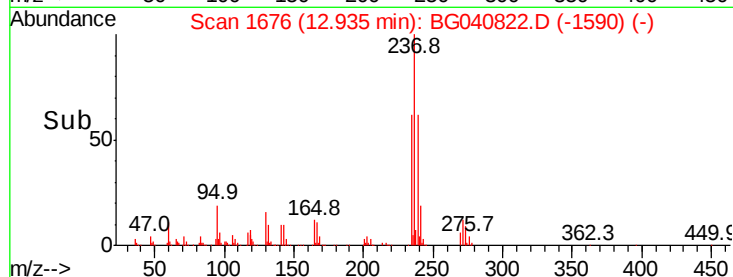
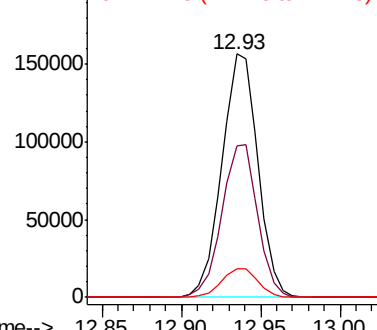


Abundance

Ion 236.80 (236.50 to 237.50): E

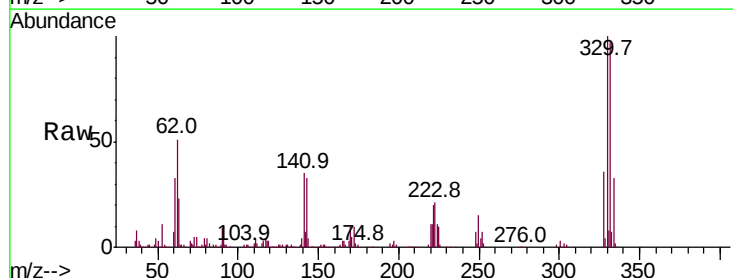
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 157.597 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.8	75.9	113.9
141	37.1	32.4	48.6

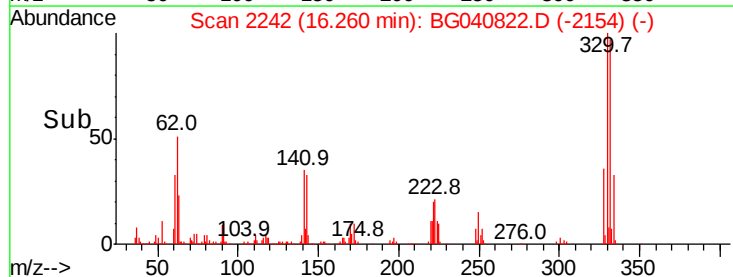
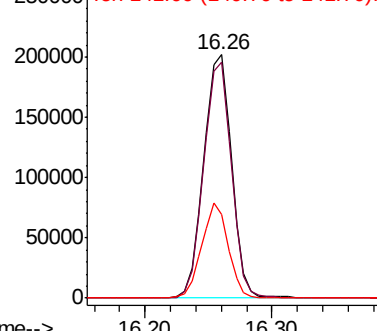


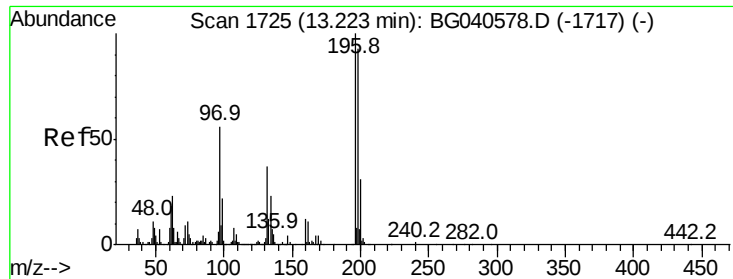
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





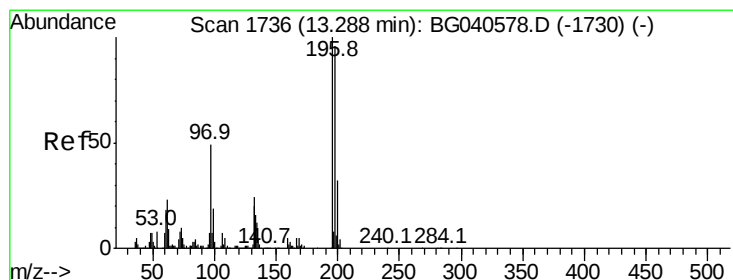
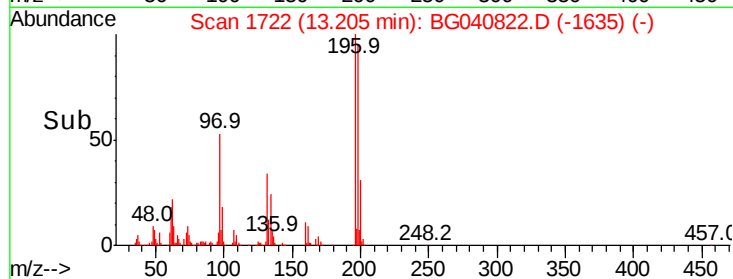
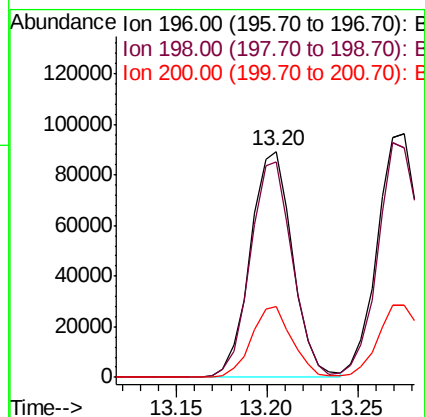
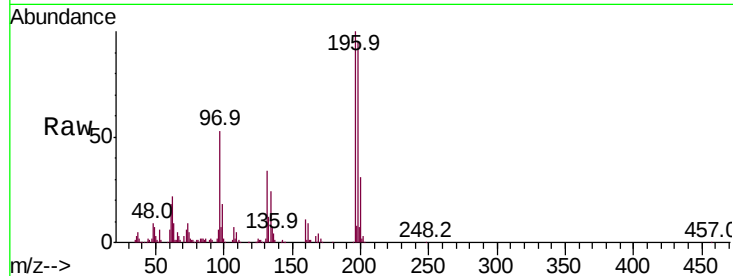
#43
 2,4,6-Trichlorophenol
 Concen: 45.328 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

Instrument :
 BNA_G
 ClientSampleId :
 PB119587BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	144447		
198	95.2	74.8	112.2	
200	31.1	24.9	37.3	

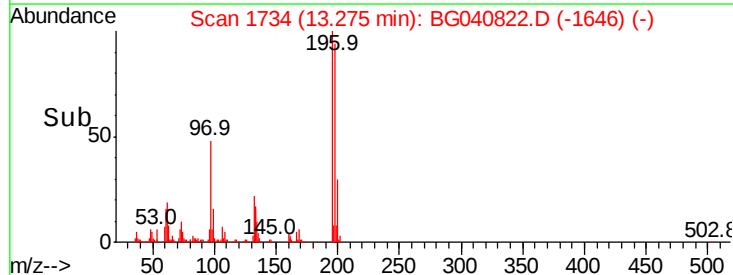
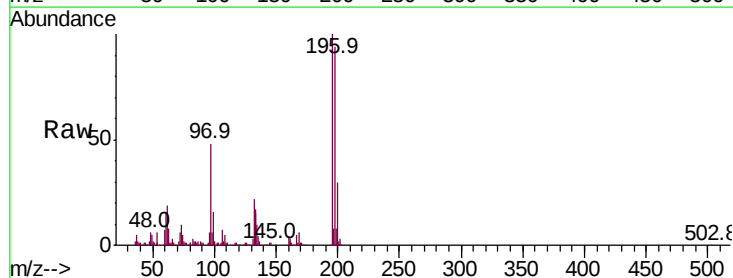
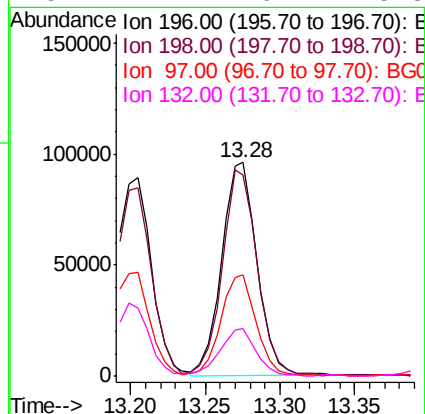
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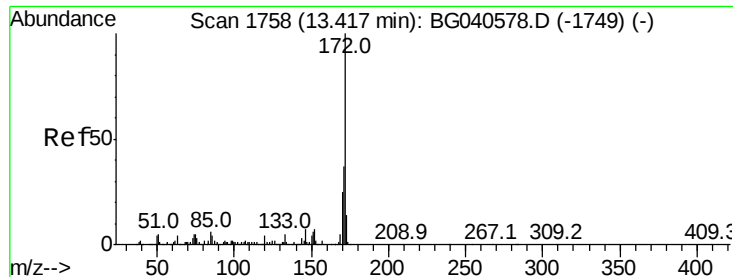
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#44
 2,4,5-Trichlorophenol
 Concen: 45.595 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158281		
198	94.3	77.0	115.6	
97	47.6	40.0	60.0	
132	22.4	19.2	28.8	





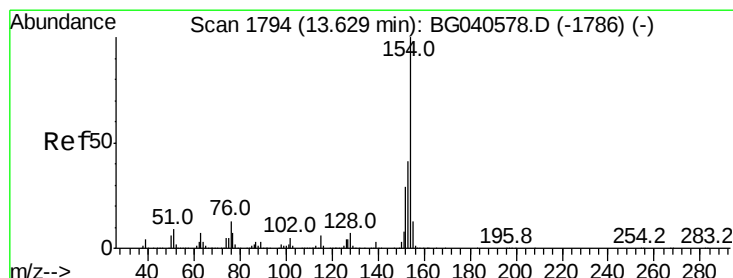
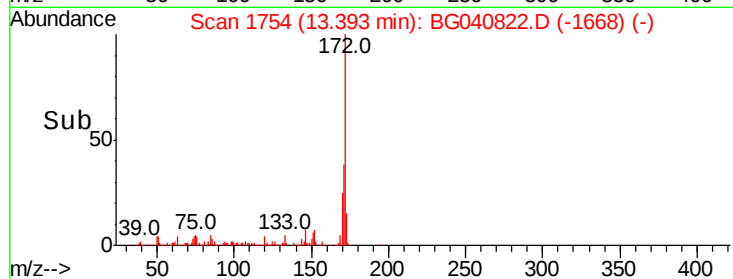
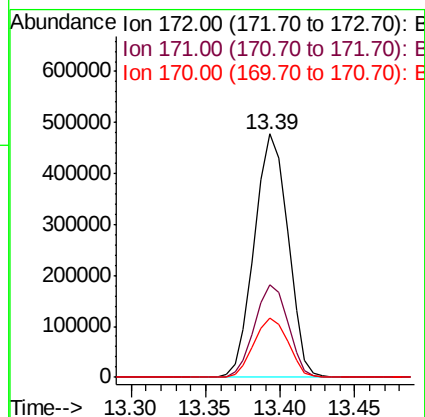
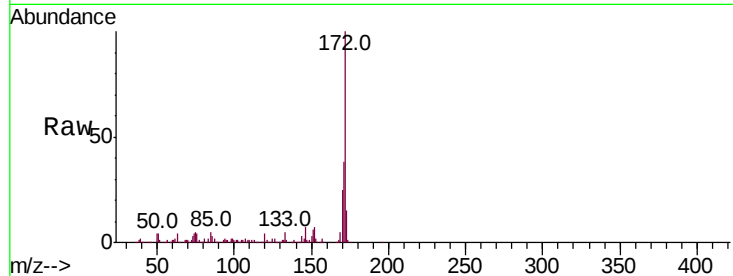
#45
2-Fluorobiphenyl
Concen: 76.062 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampleId :
PB119587BS

Tot Ion:	172	Resp:	745535
Ion Ratio	Lower	Upper	
172	100		
171	38.2	29.4	44.2
170	24.5	19.9	29.9

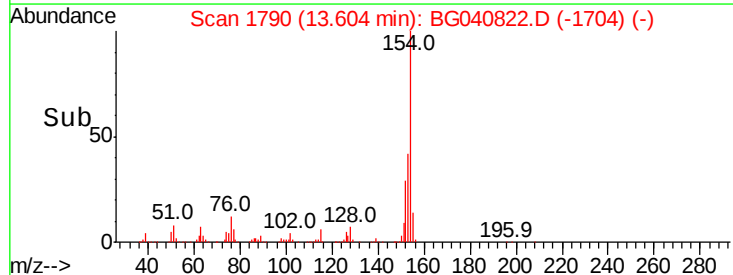
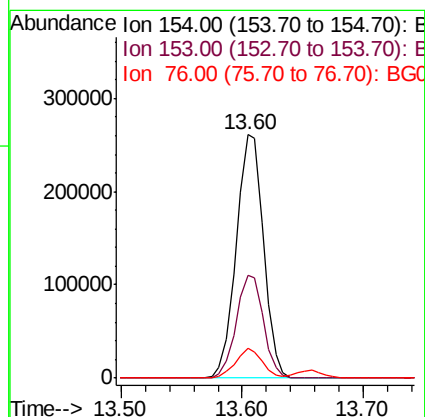
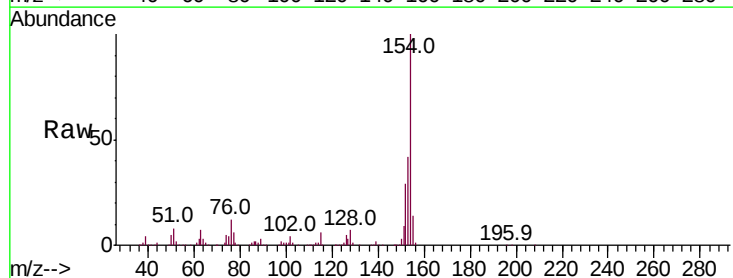
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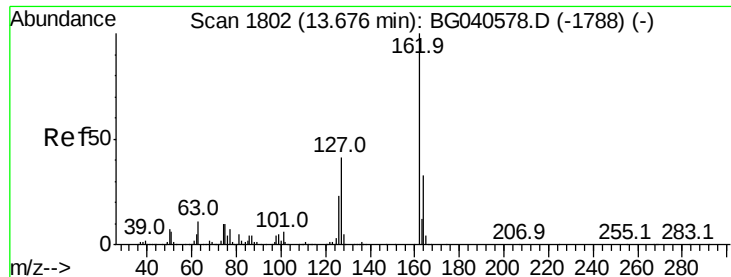
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#46
1,1'-Biphenyl
Concen: 37.391 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion:	154	Resp:	410951
Ion Ratio	Lower	Upper	
154	100		
153	42.3	20.5	60.5
76	12.3	0.0	32.5





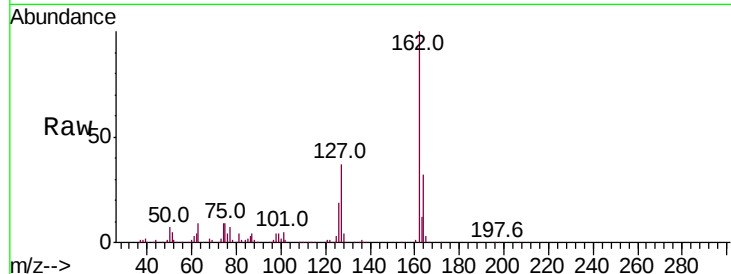
#47
2-Chloronaphthalene
Concen: 39.906 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampleId :
PB119587BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	343235		
127	37.2		33.0	49.4
164	32.0		26.8	40.2

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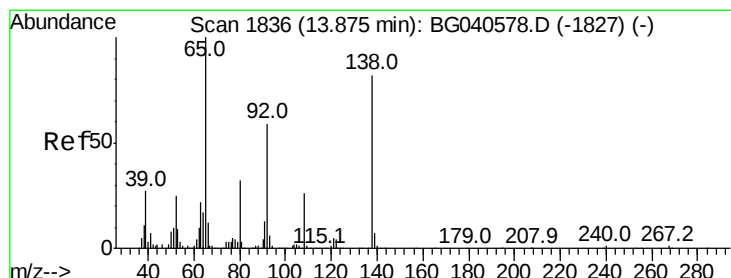
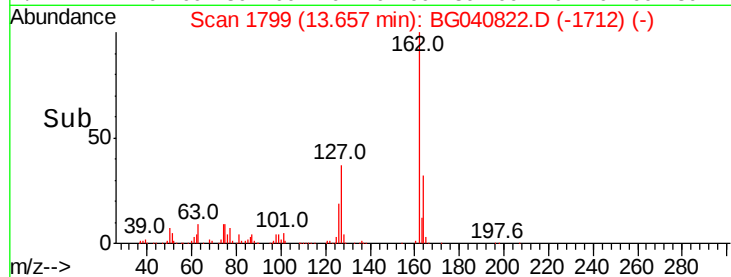
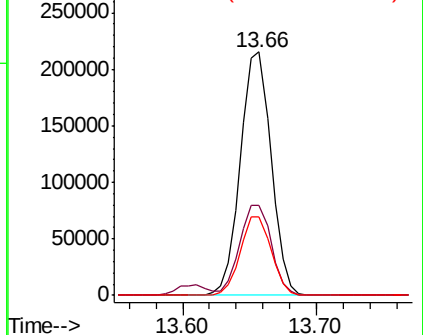


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 45.625 ng
RT: 13.86 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

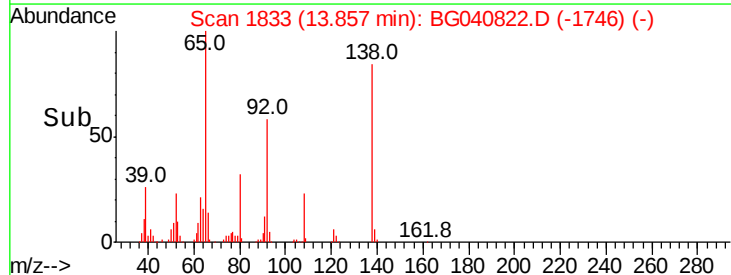
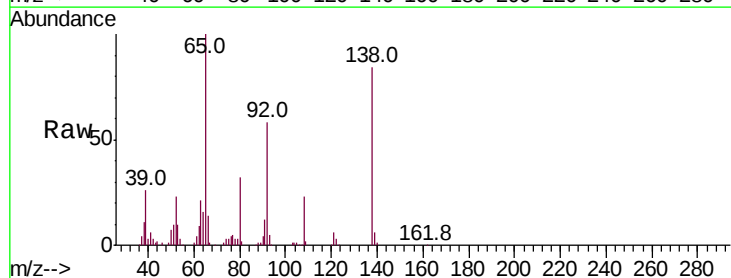
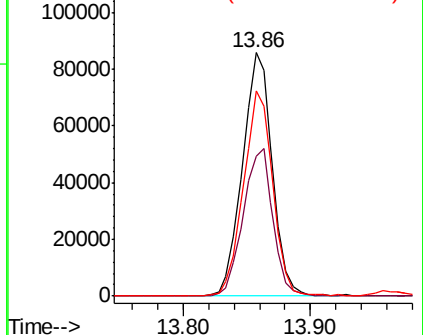
Tgt Ion	Ratio	Resp	Lower	Upper
65	100	139688		
92	57.6		47.4	71.0
138	84.3		66.1	99.1

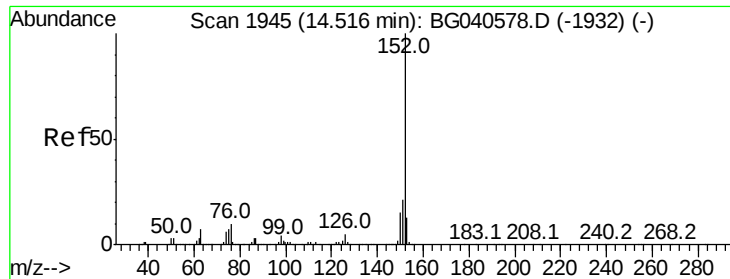
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.082 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

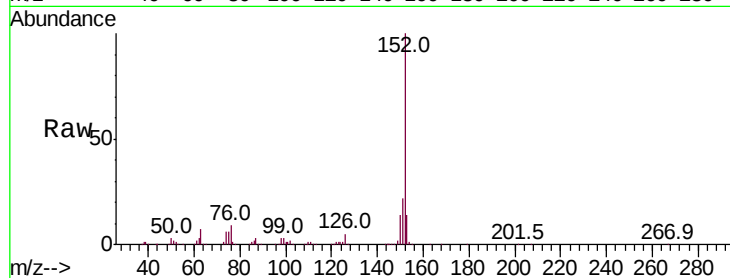
ClientSampleId :

PB119587BS

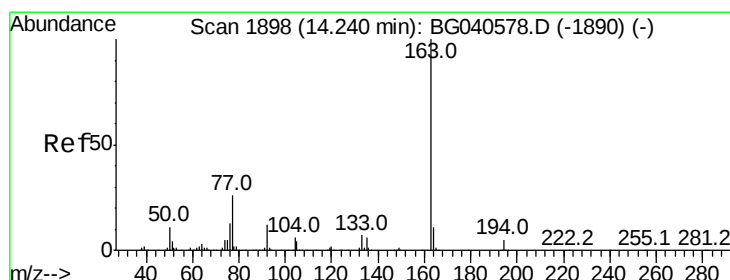
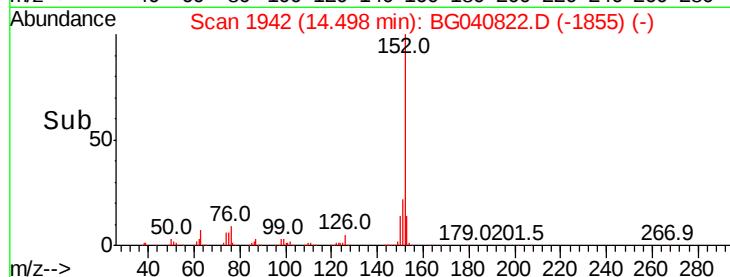
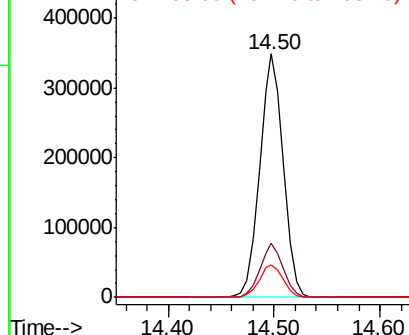
Tot Ion:	152	Resp:	541133
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.2	25.8
153	13.5	10.7	16.1

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.380 ng

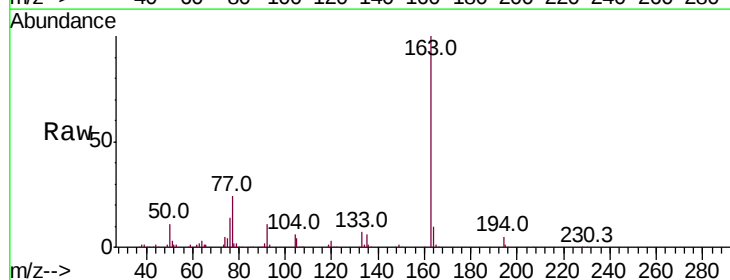
RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

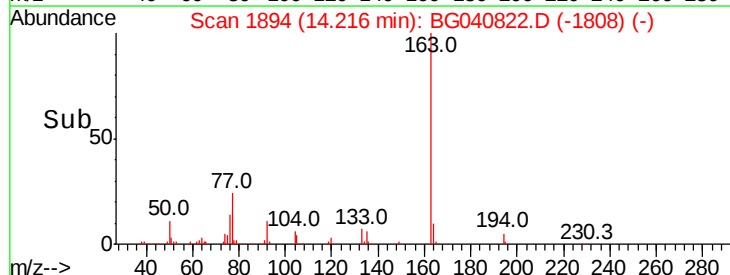
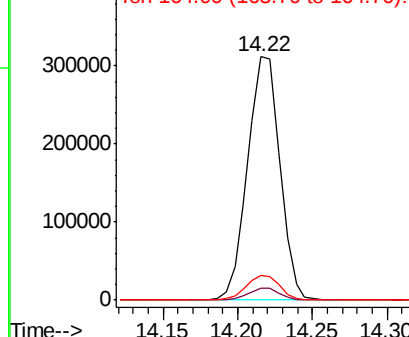
Lab File: BG040822.D

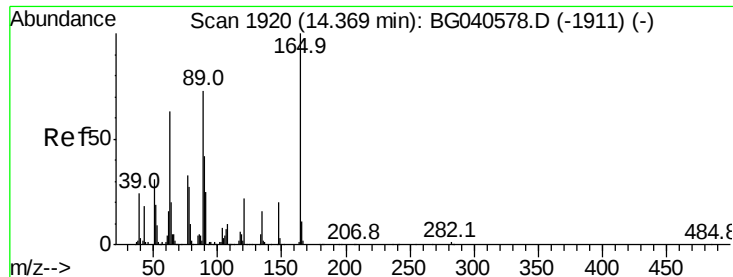
Acq: 9 May 2019 19:09

Tgt Ion:	163	Resp:	466406
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.8	5.8
164	10.4	8.8	13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.610 ng

RT: 14.34 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

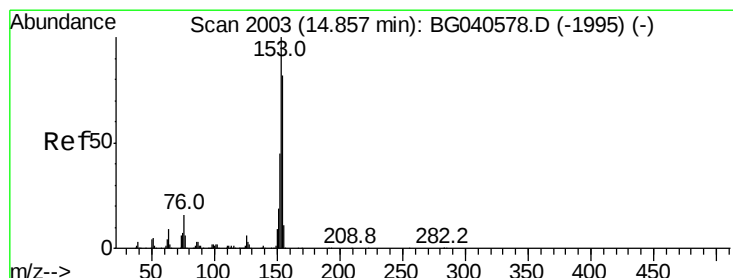
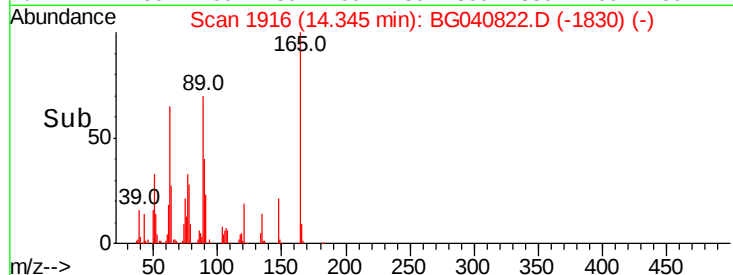
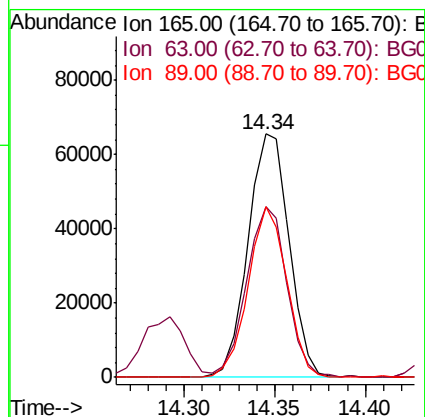
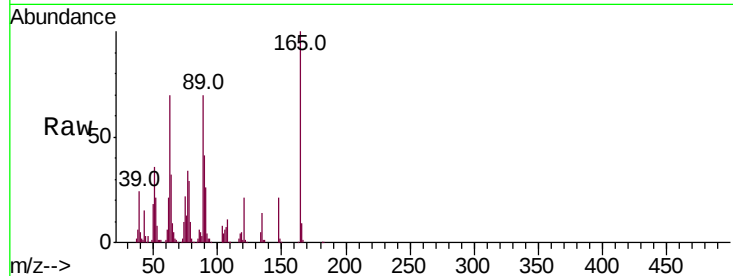
ClientSampleId :

PB119587BS

Tot Ion:	165	Resp:	103117
Ion Ratio	Lower	Upper	
165	100		
63	70.3	61.0	91.4
89	70.0	58.6	87.8

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#52

Acenaphthene

Concen: 37.826 ng

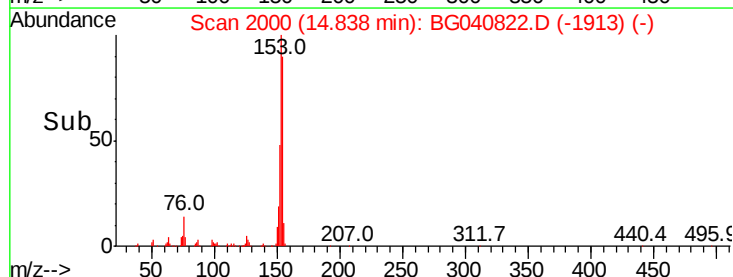
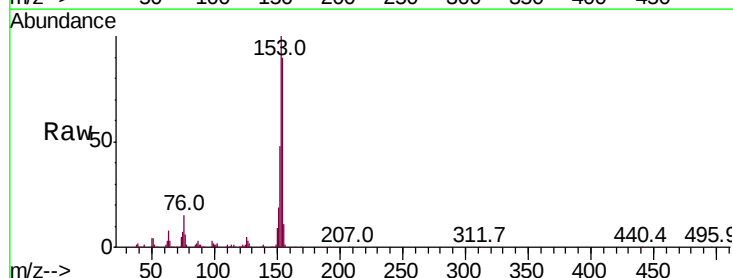
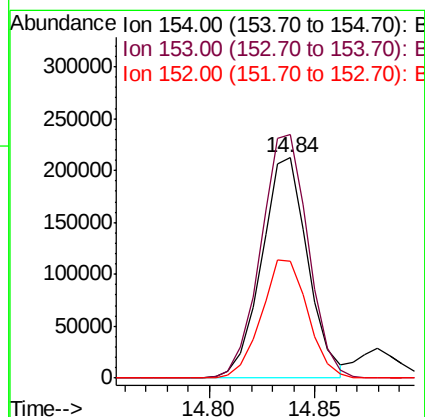
RT: 14.84 min Scan# 2000

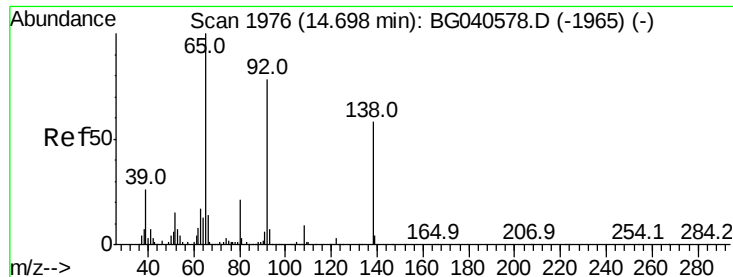
Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion:	154	Resp:	321457
Ion Ratio	Lower	Upper	
154	100		
153	110.7	97.0	145.6
152	53.0	44.1	66.1





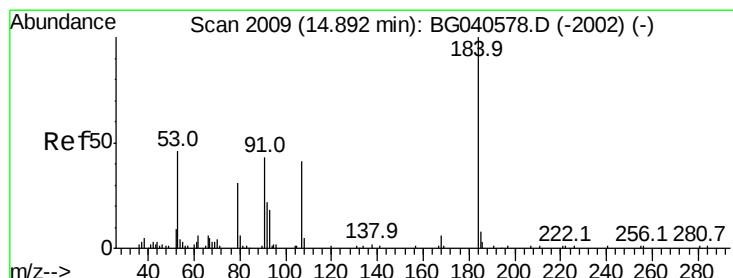
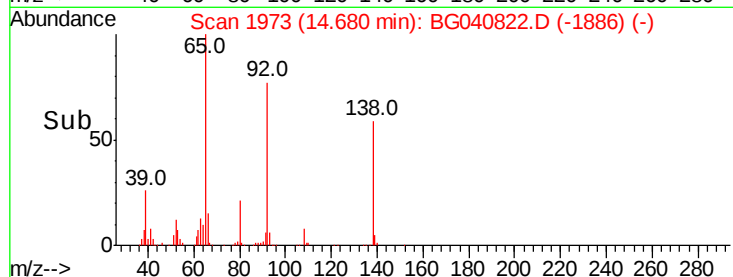
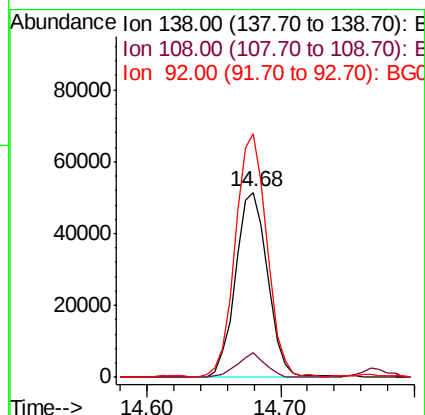
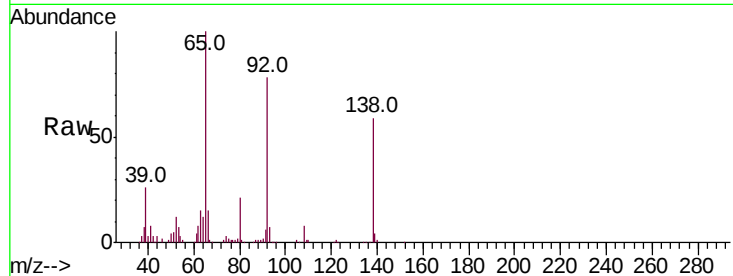
#53
3-Nitroaniline
Concen: 36.140 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampleId :
PB119587BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.2	12.4	18.6
92	131.8	108.6	162.8

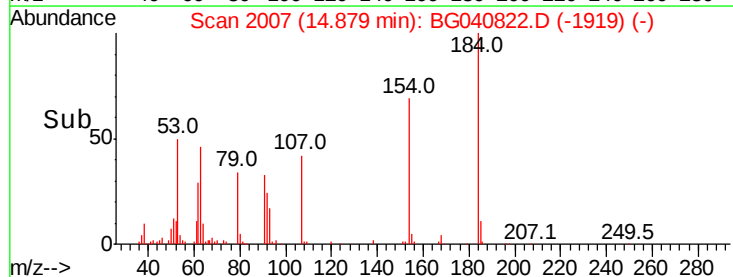
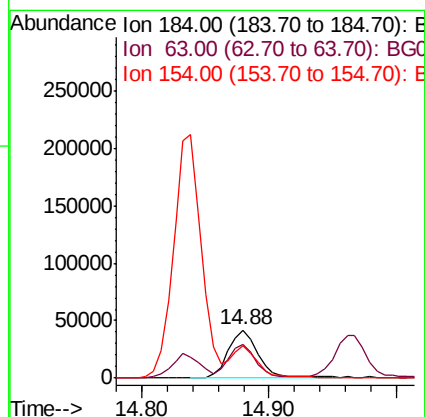
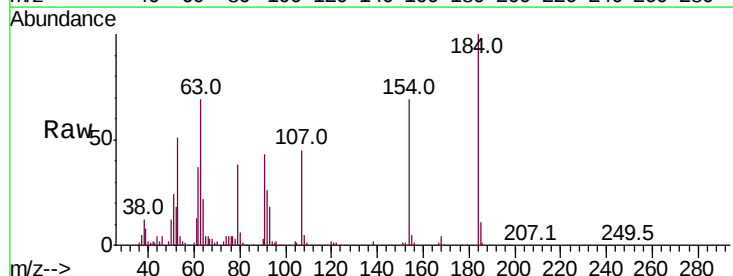
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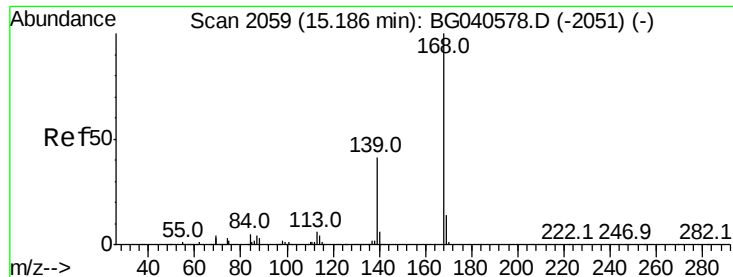
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#54
2,4-Dinitrophenol
Concen: 55.812 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.3	51.8	77.6
154	69.0	43.6	65.4





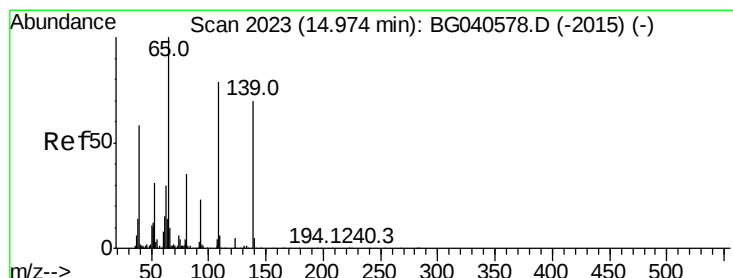
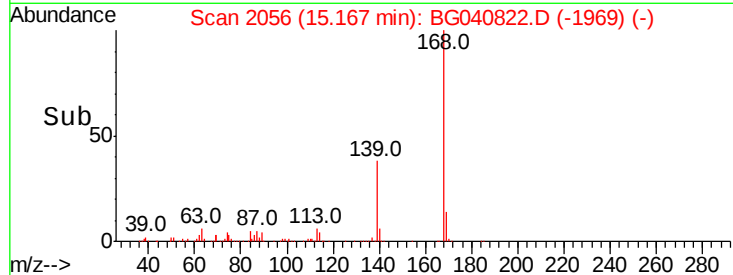
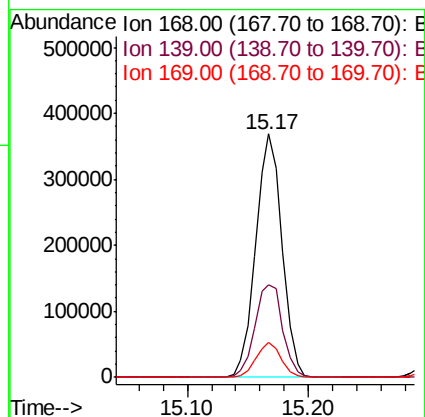
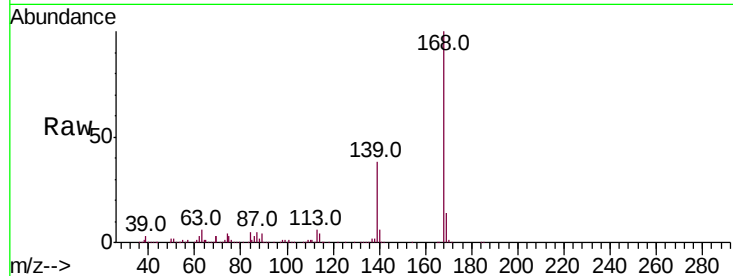
#55
Dibenzenofuran
Concen: 40.038 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampleId :
PB119587BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.1	33.0	49.4	
169	14.5	11.0	16.4	

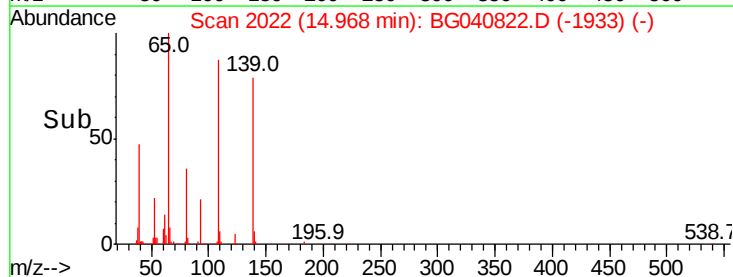
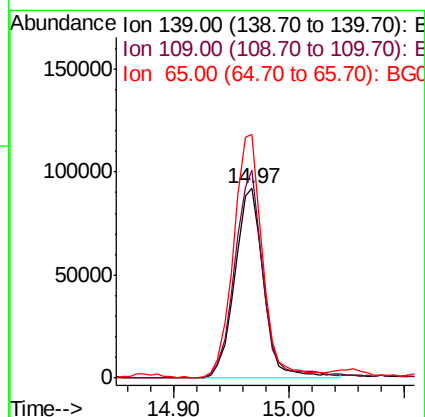
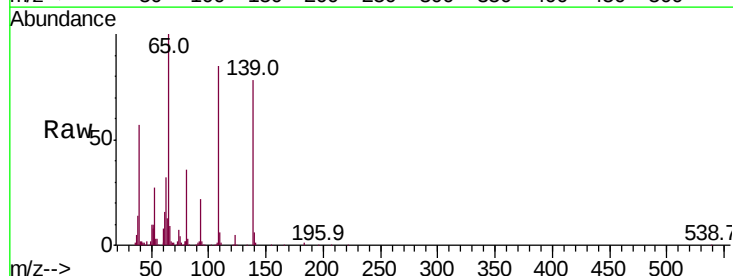
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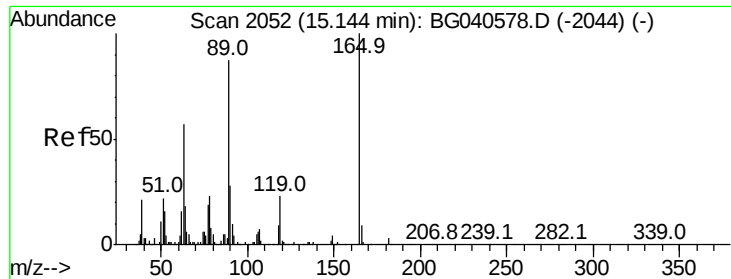
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#56
4-Nitrophenol
Concen: 77.752 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	109.8	93.8	133.8	
65	128.7	122.7	162.7	





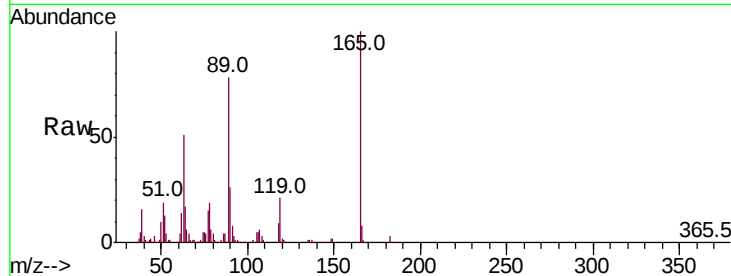
#57
2,4-Dinitrotoluene
Concen: 49.545 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampleId :
PB119587BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	155621		
63	51.4	45.8	68.8	
89	78.0	69.4	104.2	
182	3.2	2.2	3.4	

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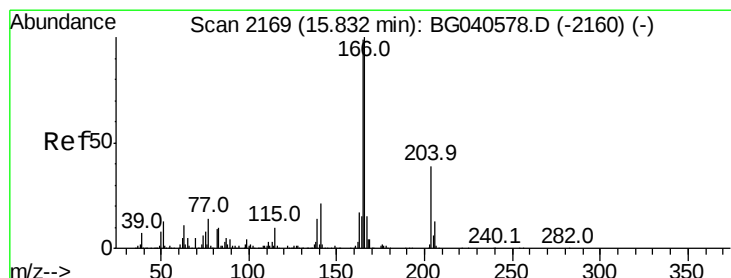
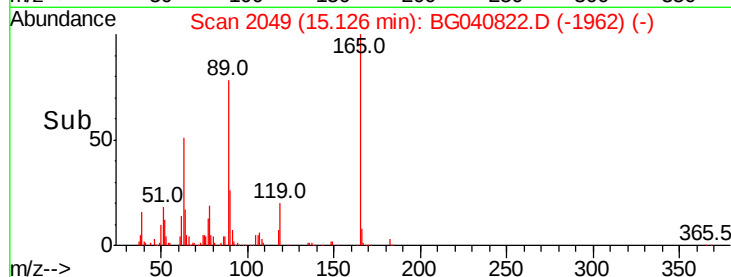
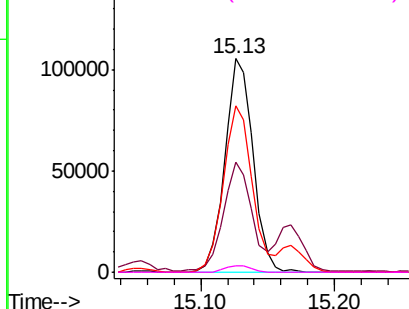
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

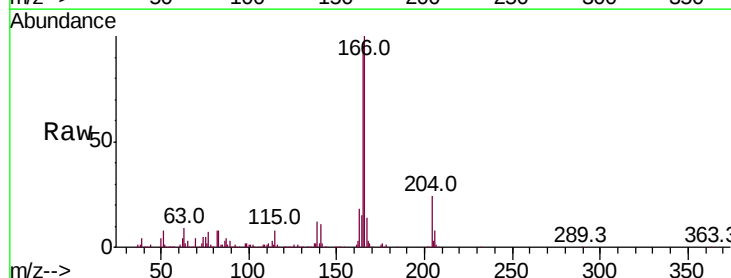
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.467 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	444032		
165	97.3	79.6	119.4	
167	14.5	12.2	18.2	

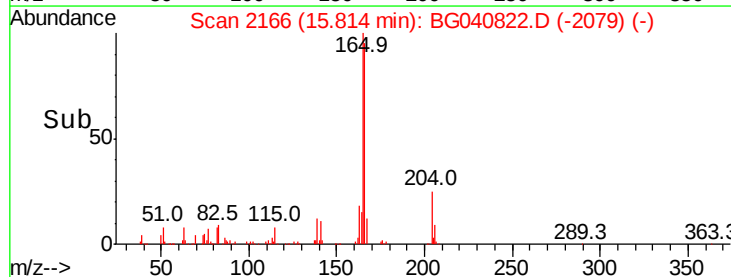
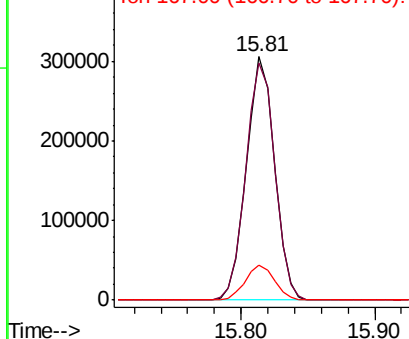


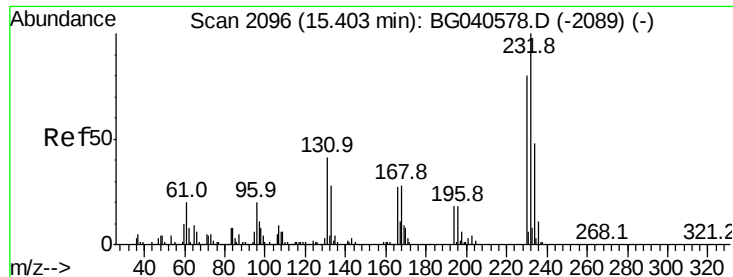
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





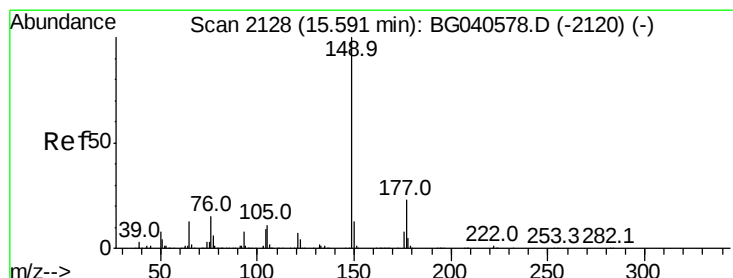
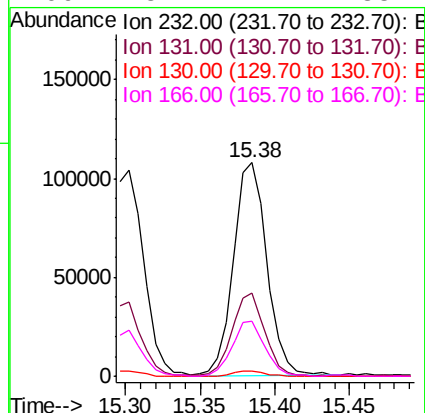
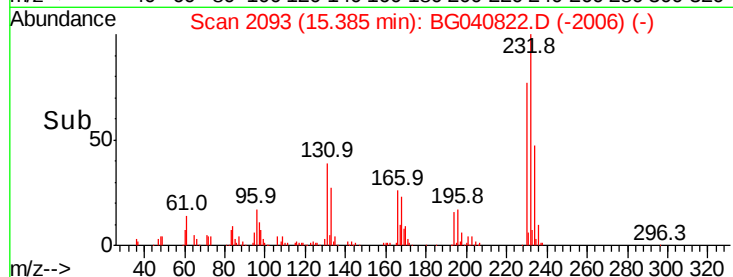
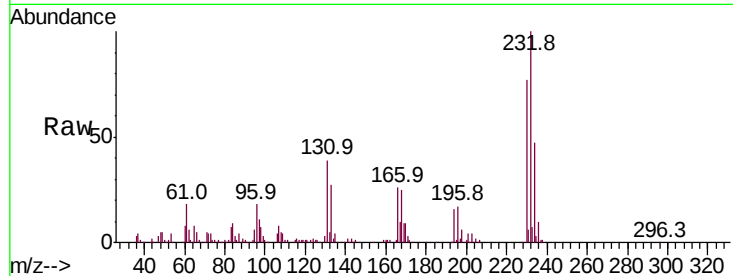
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.013 ng
 RT: 15.38 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

Instrument :
 BNA_G
 ClientSampleId :
 PB119587BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	167762		
131	38.6	33.0	49.4	
130	2.5	2.0	3.0	
166	25.2	22.1	33.1	

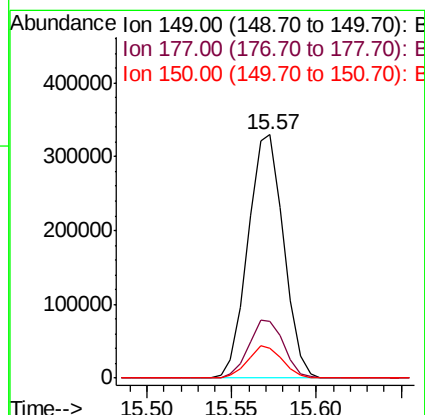
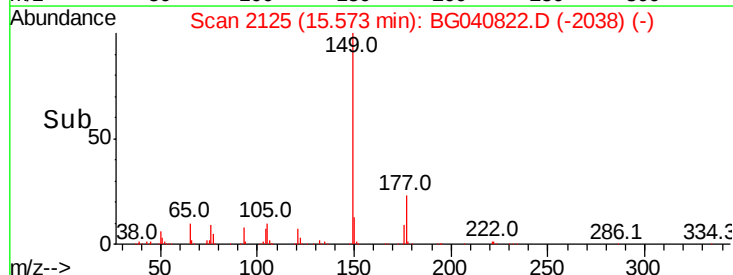
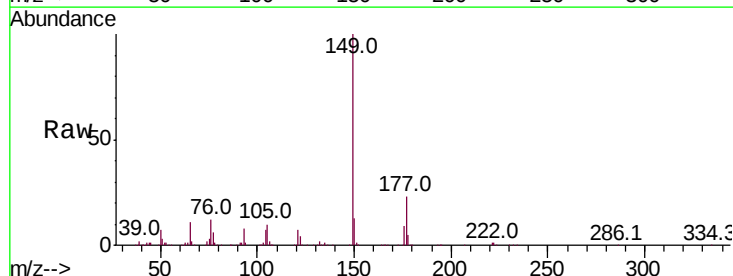
Manual Integrations
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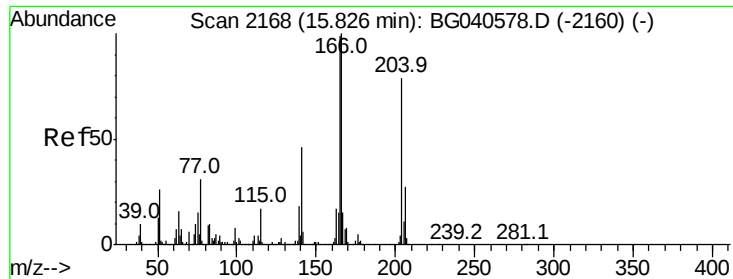
Sohil
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#60
 Diethylphthalate
 Concen: 38.687 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	483440		
177	23.2	18.5	27.7	
150	12.5	10.2	15.4	





#61

4-Chlorophenyl-phenylether

Concen: 41.850 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

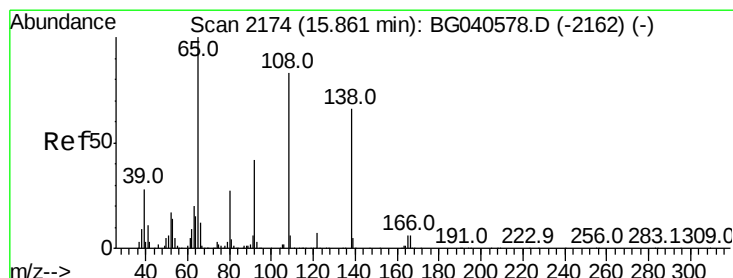
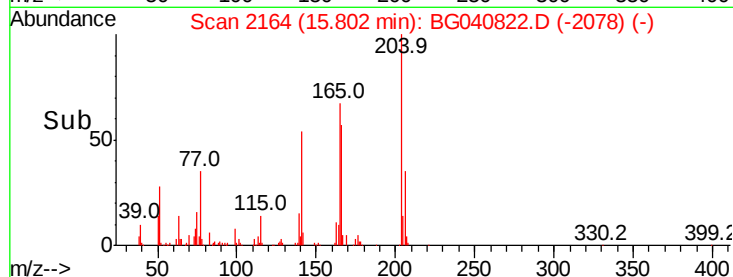
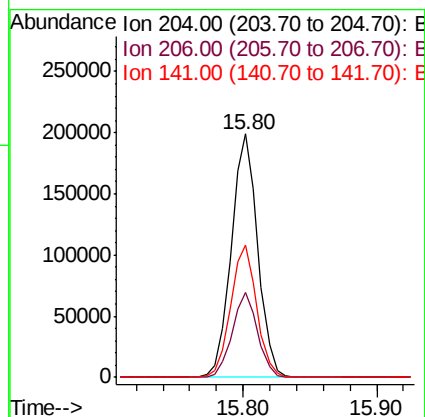
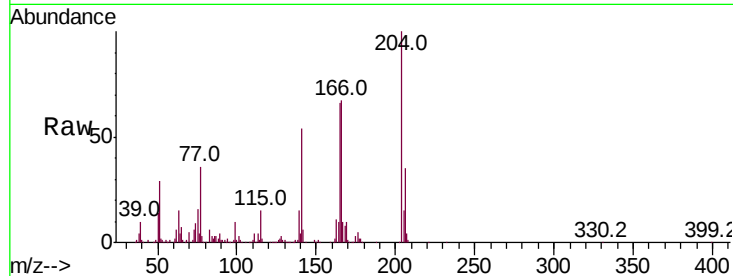
ClientSampled :

PB119587BS

Tot Ion:	204	Resp:	273844
Ion Ratio	Lower	Upper	
204	100		
206	34.9	27.4	41.2
141	54.2	46.0	69.0

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#62

4-Nitroaniline

Concen: 42.306 ng

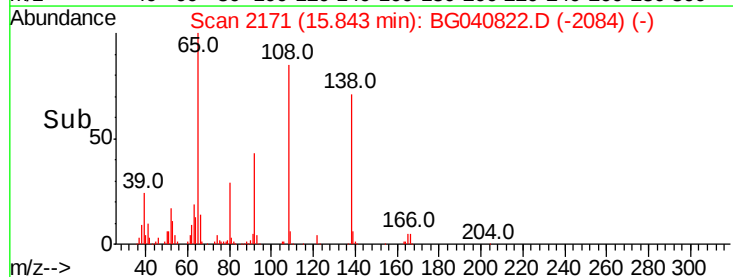
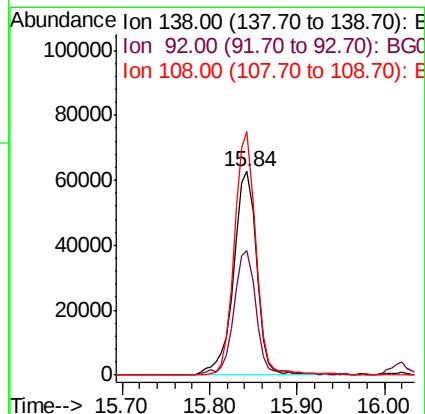
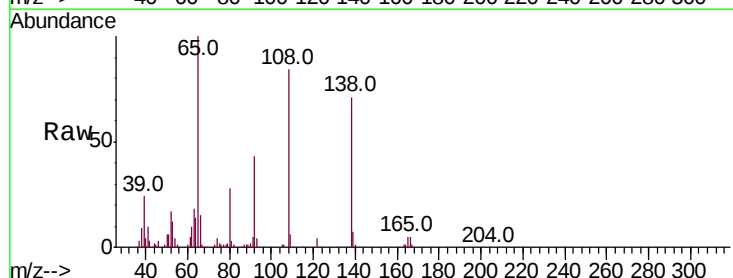
RT: 15.84 min Scan# 2171

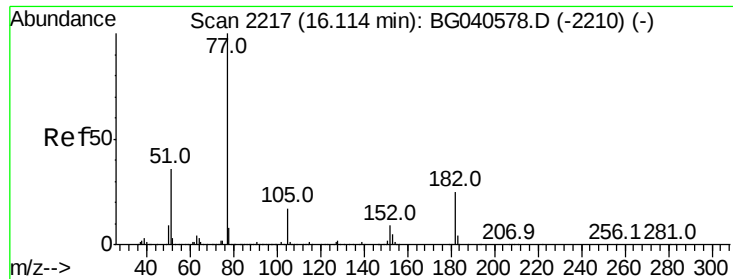
Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion:	138	Resp:	112084
Ion Ratio	Lower	Upper	
138	100		
92	61.1	43.9	83.9
108	119.5	106.5	146.5





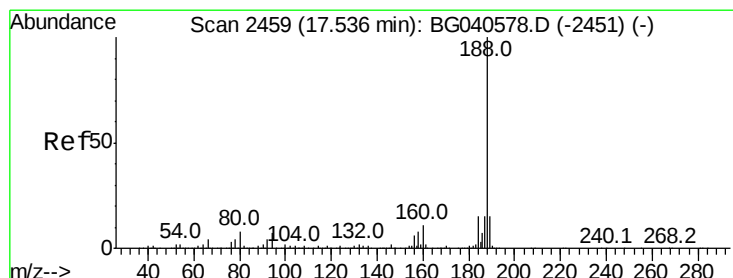
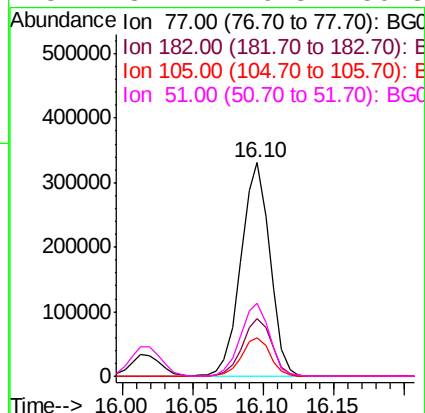
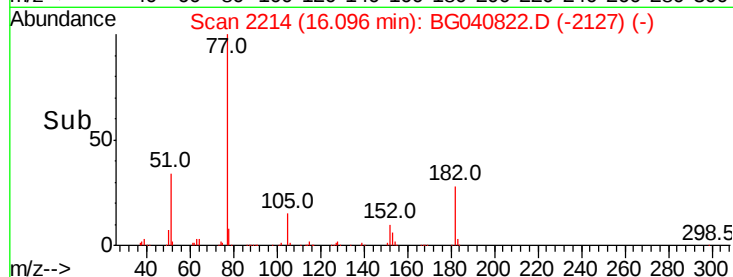
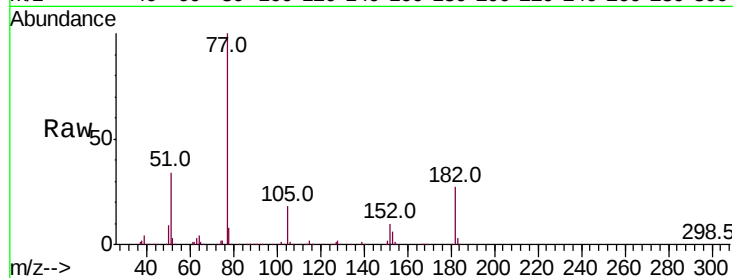
#63
Azobenzene
Concen: 36.750 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampled :
PB119587BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		472939		
182	27.2	5.0	45.0		
105	17.8	0.0	37.6		
51	34.4	16.3	56.3		

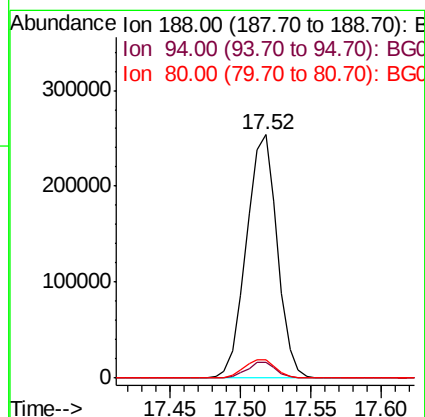
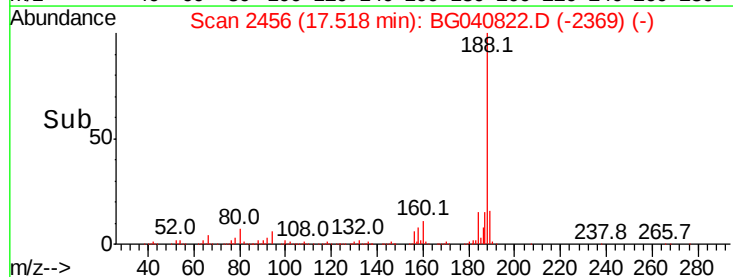
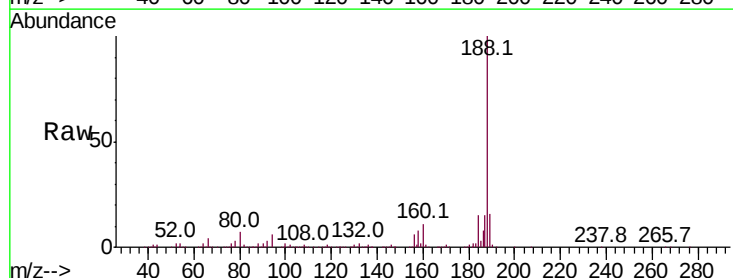
Manual Integrations
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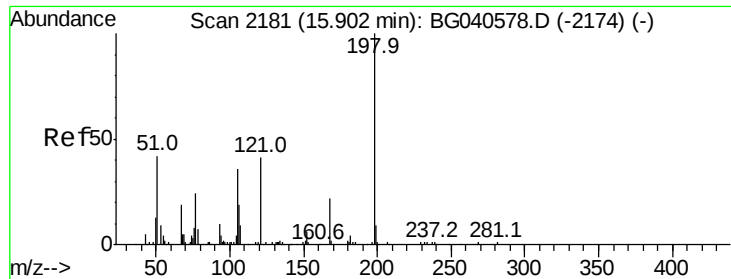
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		388030		
94	6.3	5.6	8.4		
80	7.3	6.4	9.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 37.946 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

Tot Ion:198 Resp: 69213

Ion Ratio Lower Upper

198 100

51 45.1 35.9 75.9

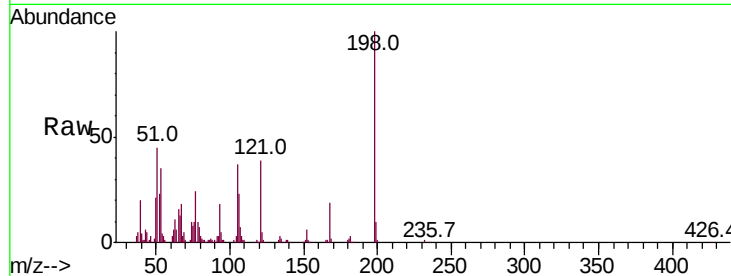
105 36.8 21.2 61.2

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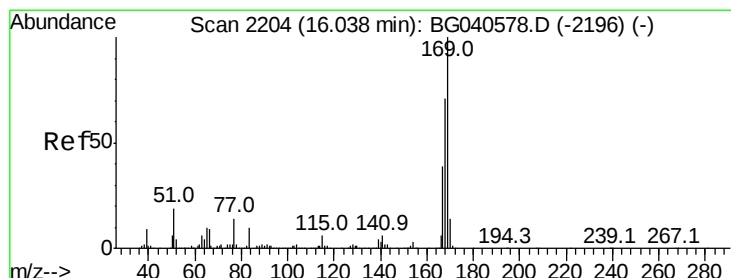
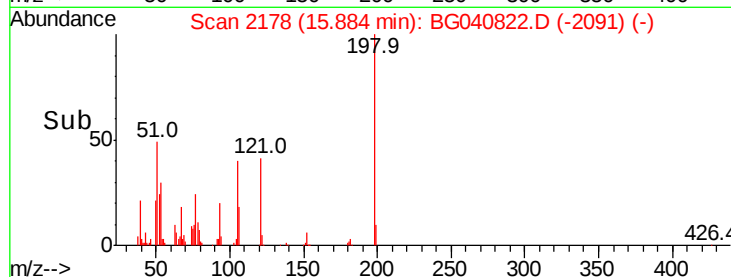
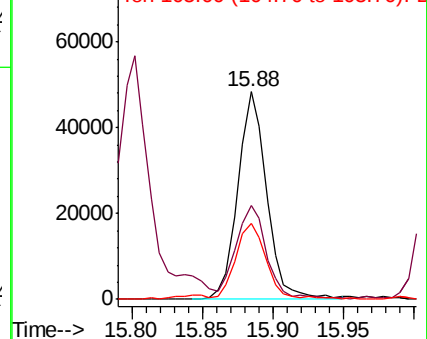
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.505 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

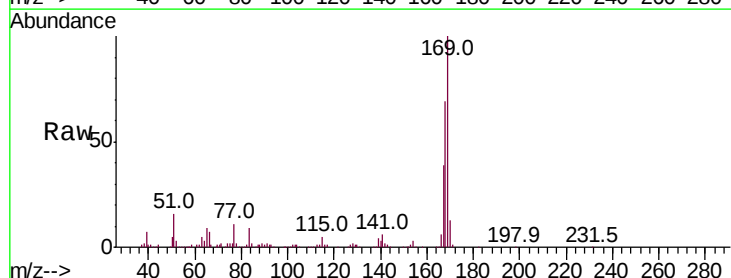
Tgt Ion:169 Resp: 416756

Ion Ratio Lower Upper

169 100

168 69.4 56.8 85.2

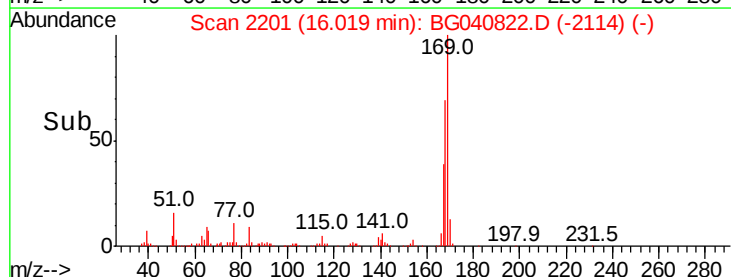
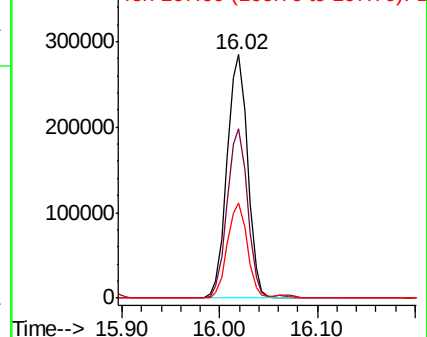
167 38.8 31.4 47.0

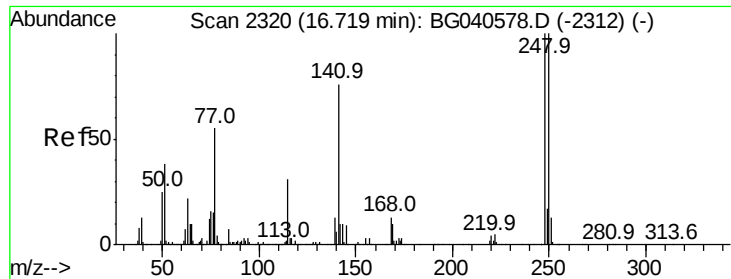


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





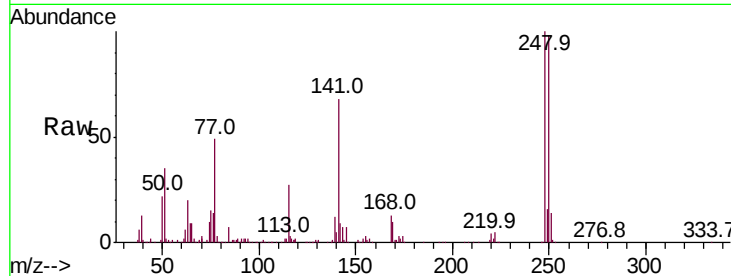
#67
4-Bromophenyl-phenylether
Concen: 37.774 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampled :
PB119587BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.8	119.6
141	68.5	60.8	91.2

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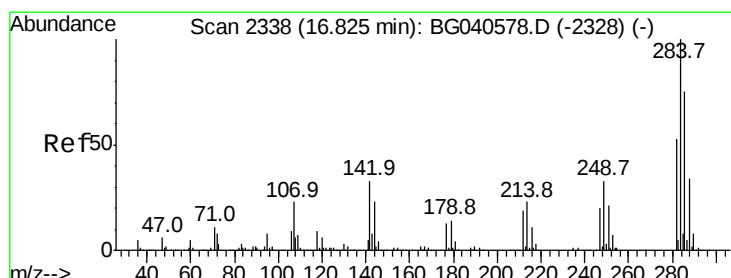
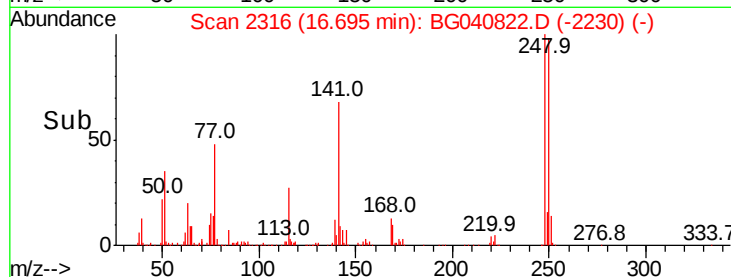
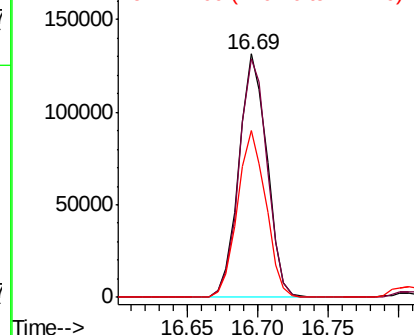


Abundance

Ion 248.00 (247.70 to 248.70): E

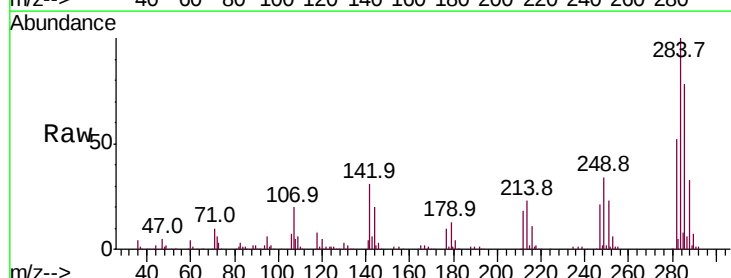
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.964 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	26.6	40.0
249	34.2	26.0	39.0

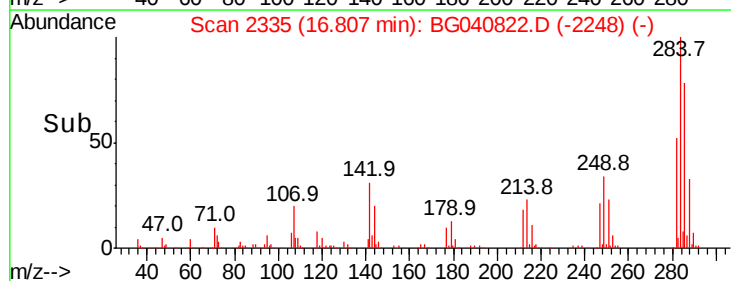
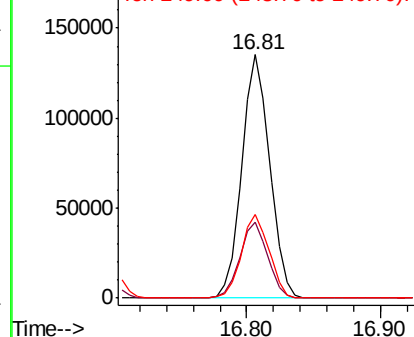


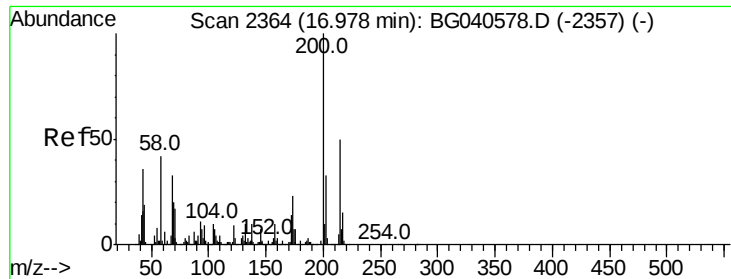
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





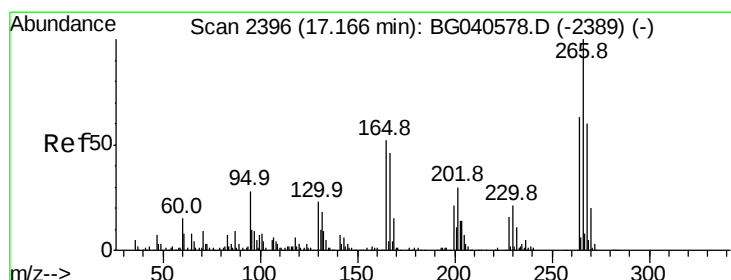
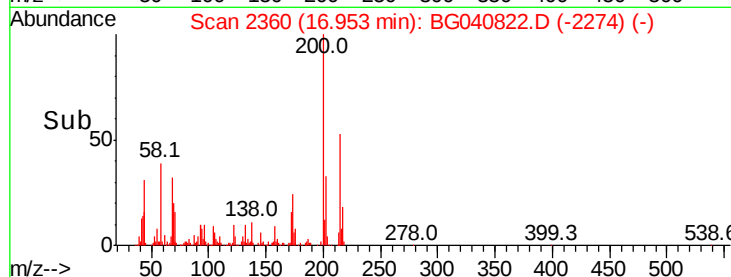
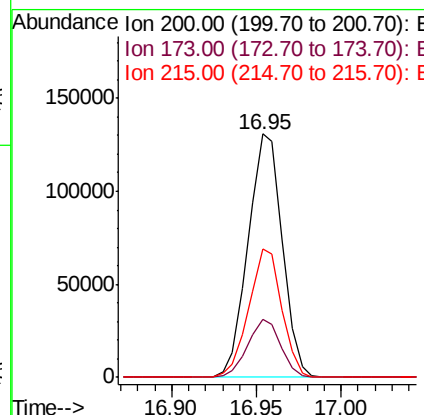
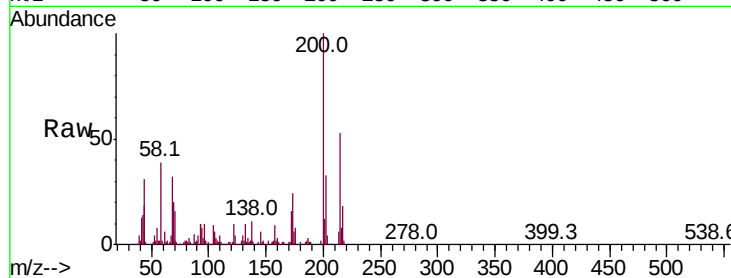
#69
Atrazine
Concen: 40.766 ng
RT: 16.95 min Scan# 2360
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampleId :
PB119587BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	2.8	42.8
215	52.8	30.2	70.2

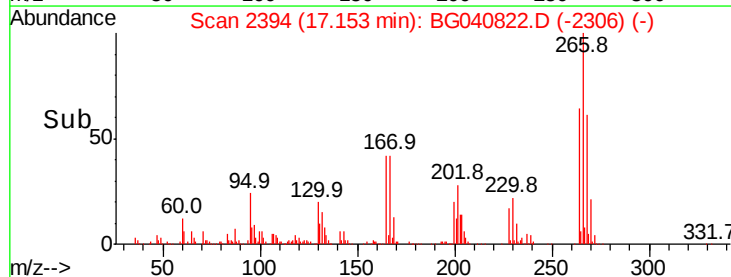
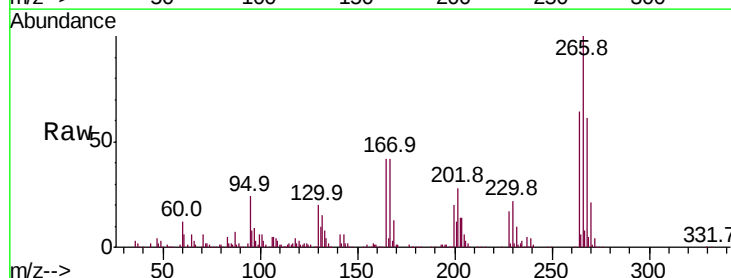
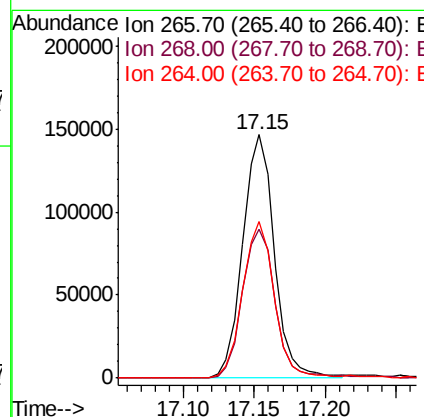
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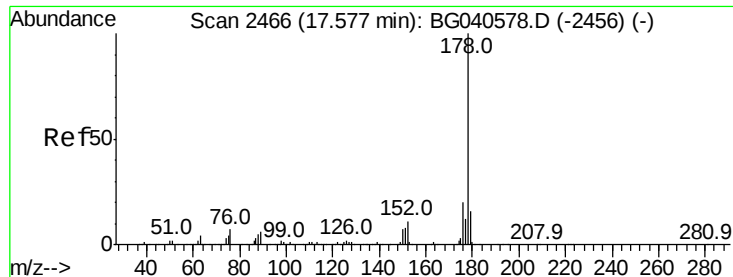
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#70
Pentachlorophenol
Concen: 78.546 ng
RT: 17.15 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.1	52.3	78.5
264	64.3	50.0	75.0





#71

Phenanthrene

Concen: 38.182 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

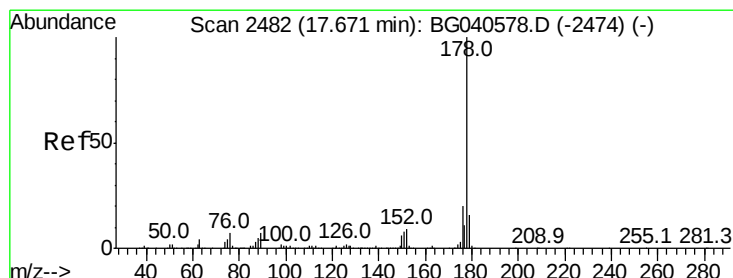
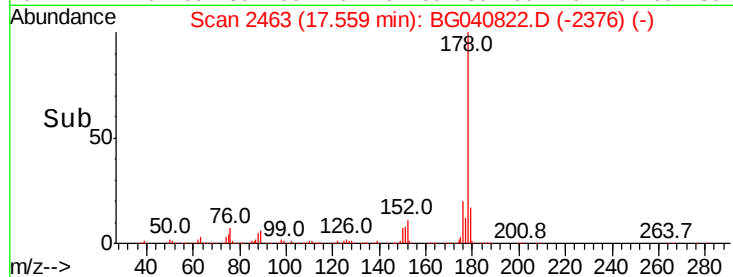
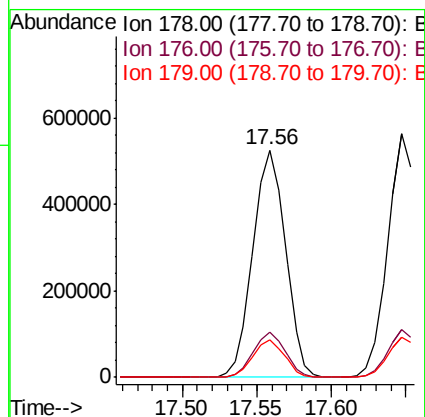
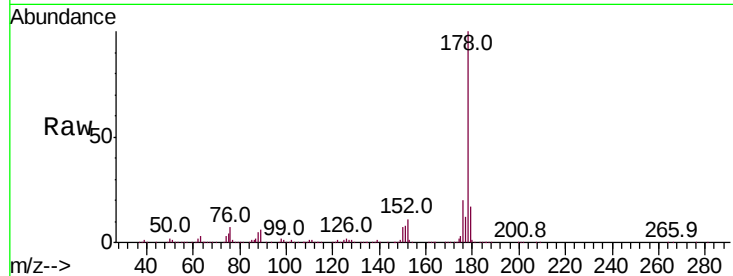
ClientSampleId :

PB119587BS

Tot Ion:178	Resp:	798011
Ion Ratio	Lower	Upper
178 100		
176 20.1	15.8	23.6
179 16.6	12.6	18.8

Manual Integrations
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#72

Anthracene

Concen: 38.760 ng

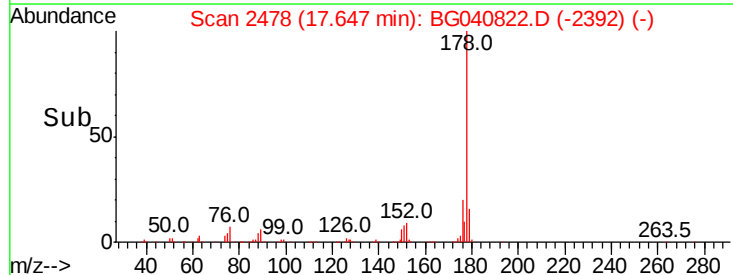
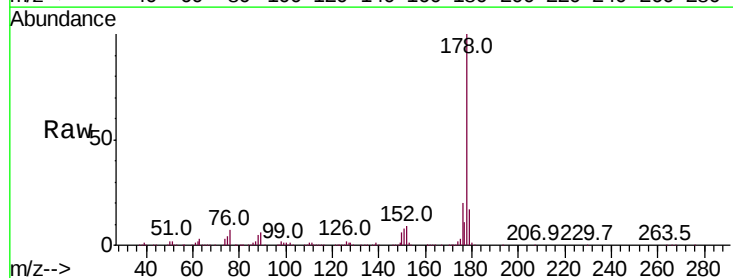
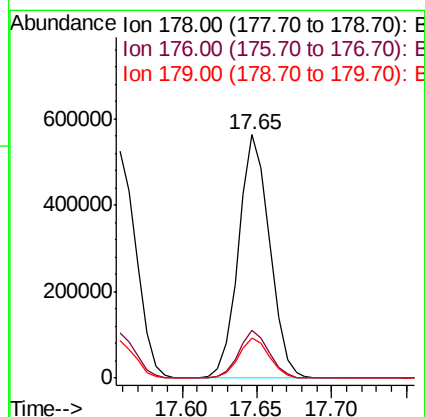
RT: 17.65 min Scan# 2478

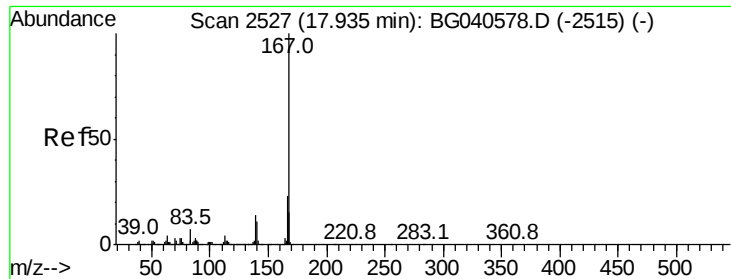
Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion:178	Resp:	814281
Ion Ratio	Lower	Upper
178 100		
176 19.6	15.6	23.4
179 16.6	12.9	19.3





#73

Carbazole

Concen: 37.551 ng

RT: 17.92 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

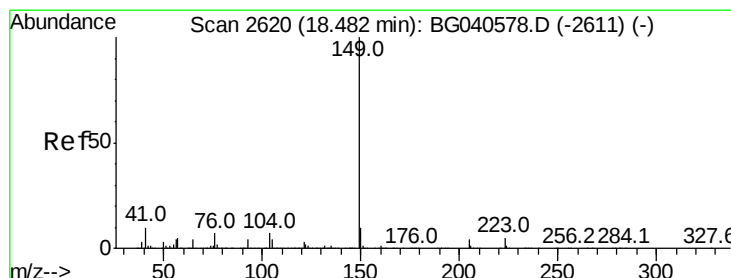
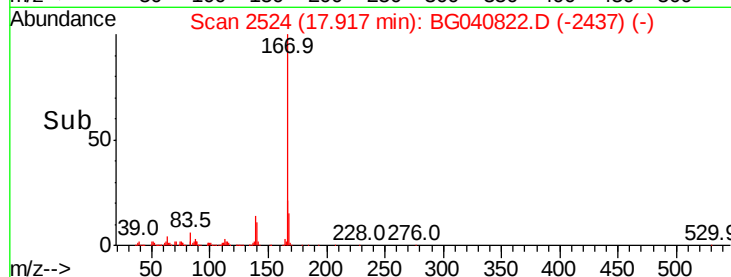
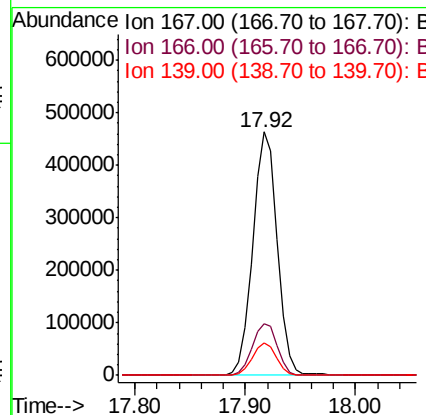
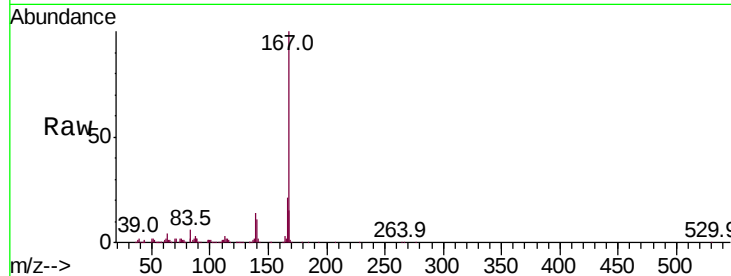
ClientSampleId :

PB119587BS

Tot Ion:	167	Resp:	718732
Ion Ratio	Lower	Upper	
167	100		
166	21.3	18.2	27.4
139	13.5	11.4	17.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 37.744 ng

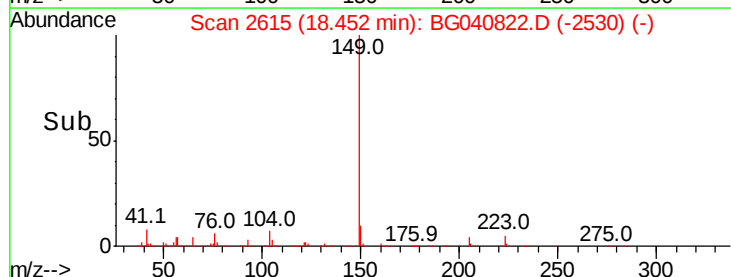
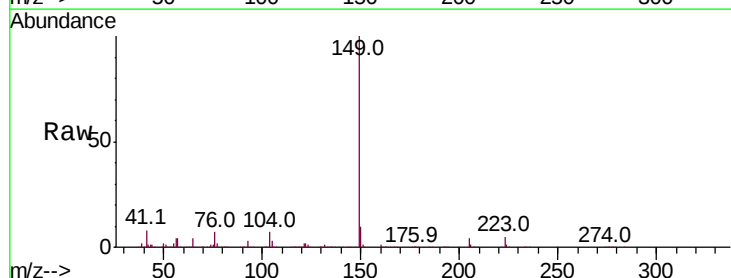
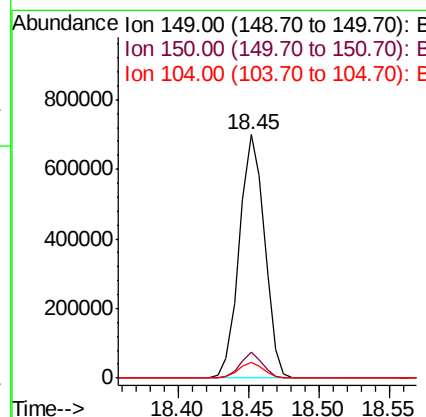
RT: 18.45 min Scan# 2615

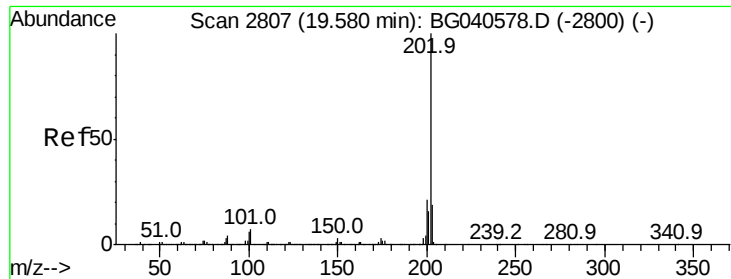
Delta R.T. -0.03 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion:	149	Resp:	871952
Ion Ratio	Lower	Upper	
149	100		
150	10.4	8.2	12.2
104	6.7	5.4	8.2





#75

Fluoranthene

Concen: 40.416 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

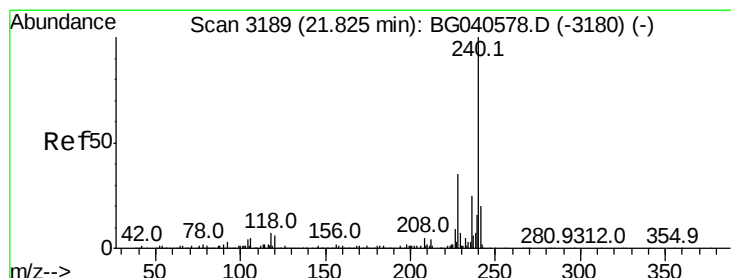
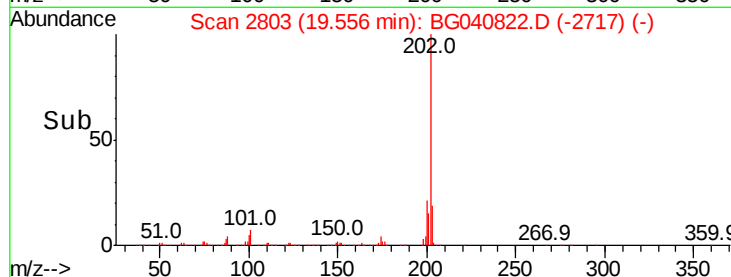
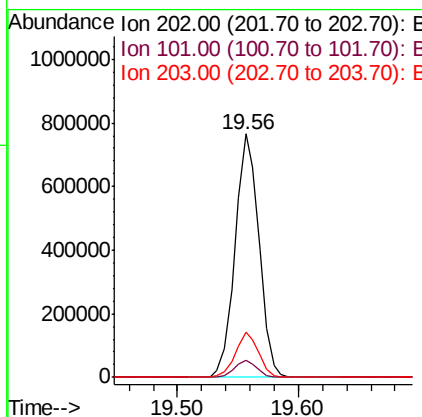
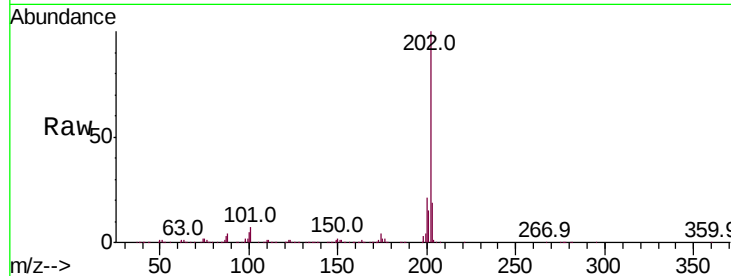
ClientSampleId :

PB119587BS

Tot Ion:	202	Resp:	1052656
Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	27.5
203	18.7	0.0	39.3

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

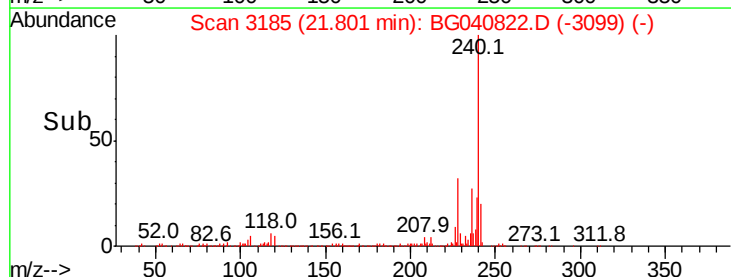
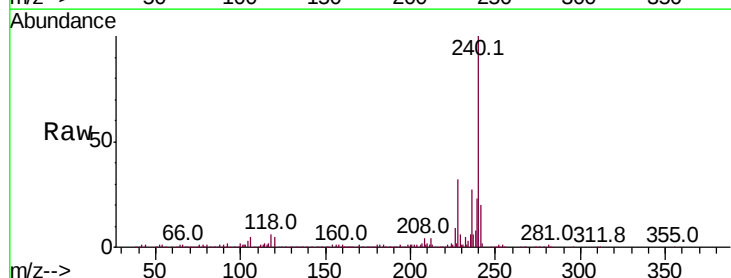
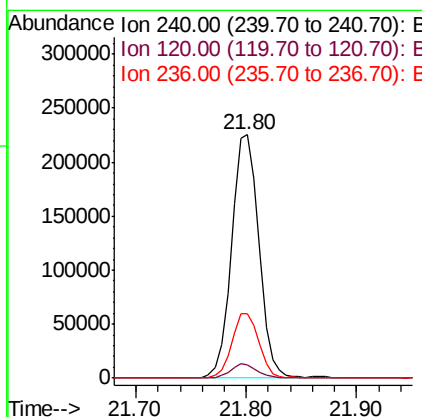
RT: 21.80 min Scan# 3185

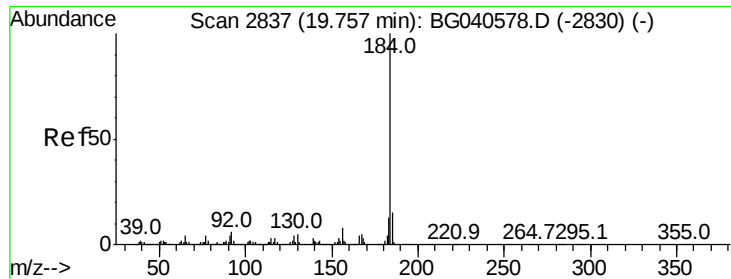
Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion:	240	Resp:	393521
Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.0	7.6
236	26.7	20.3	30.5





#77

Benzidine

Concen: 30.514 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

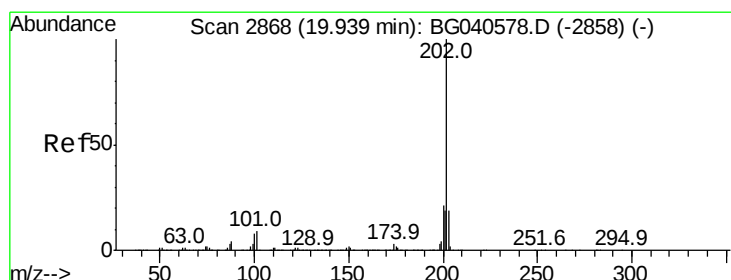
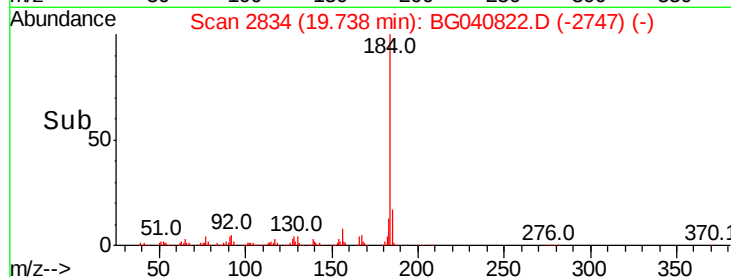
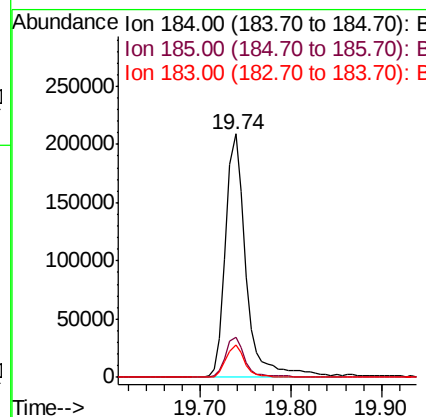
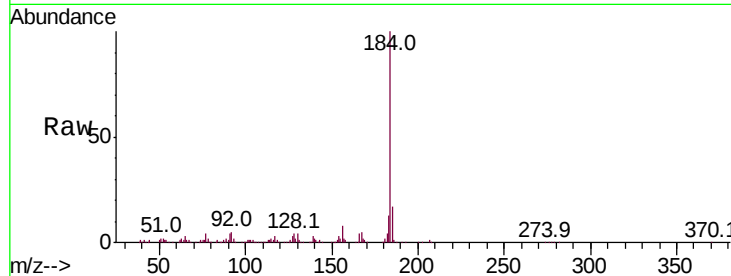
ClientSampled :

PB119587BS

Tot Ion:	184	Resp:	328777
Ion Ratio	Lower	Upper	
184	100		
185	16.7	11.8	17.8
183	13.1	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 42.211 ng

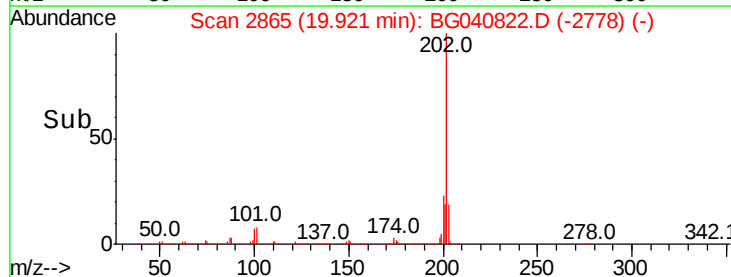
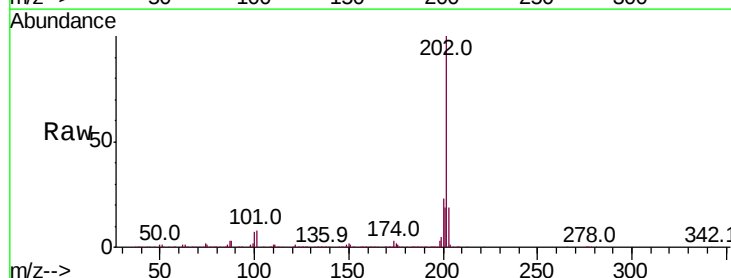
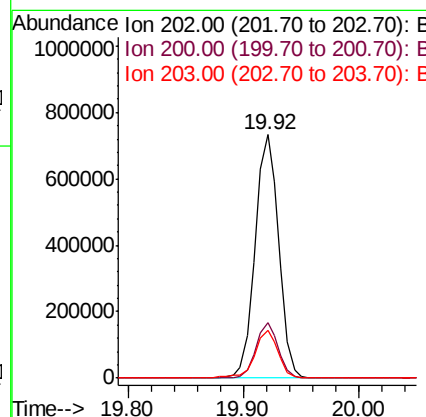
RT: 19.92 min Scan# 2865

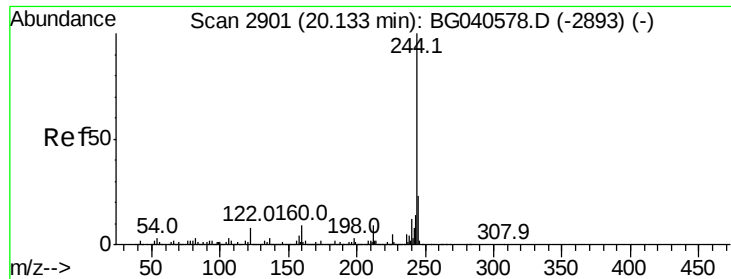
Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion:	202	Resp:	1041098
Ion Ratio	Lower	Upper	
202	100		
200	23.0	17.2	25.8
203	19.5	15.0	22.4





#79

Terphenyl-d14

Concen: 86.511 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

ClientSampleId :

PB119587BS

Tot Ion:244 Resp: 1536679

Ion Ratio Lower Upper

244 100

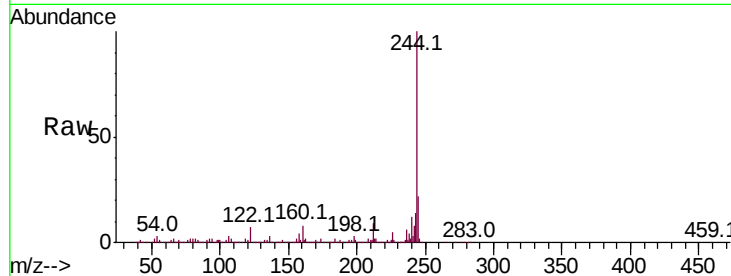
212 9.1 7.2 10.8

122 7.1 6.6 10.0

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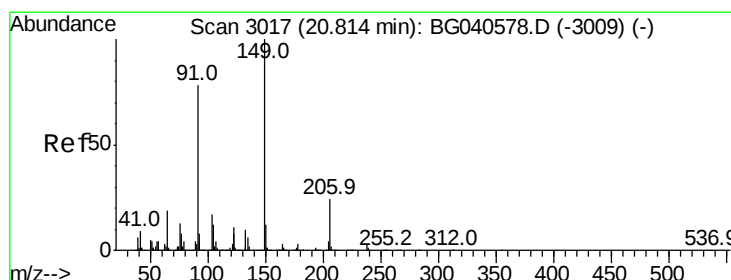
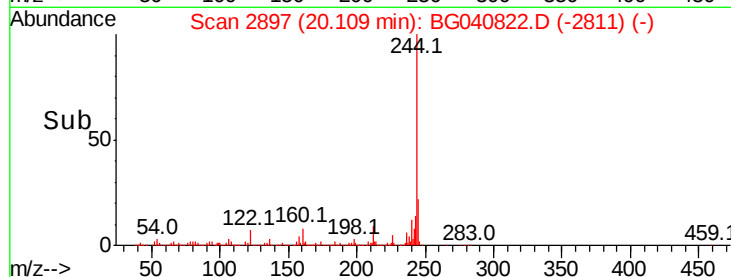
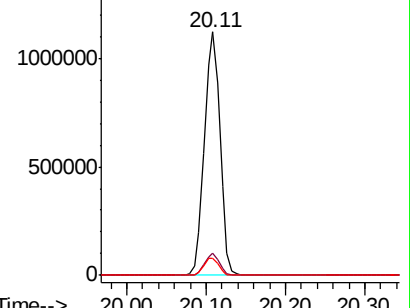
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Abundance Ion 244.00 (243.70 to 244.70): E

1500000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.611 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

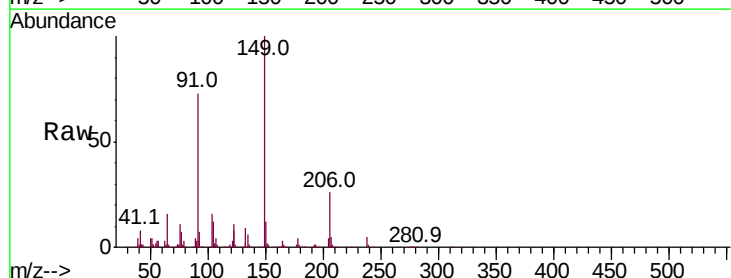
Tgt Ion:149 Resp: 400006

Ion Ratio Lower Upper

149 100

91 72.8 62.6 93.8

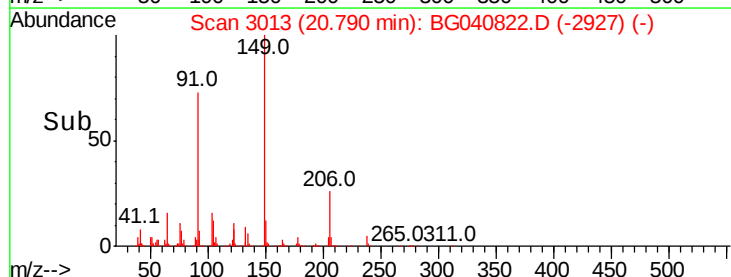
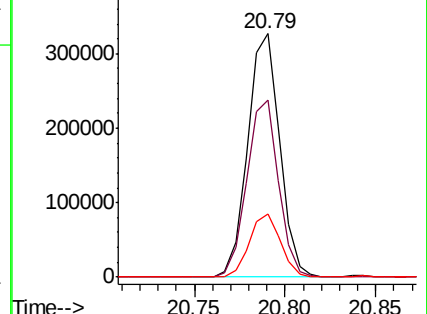
206 25.9 19.4 29.2

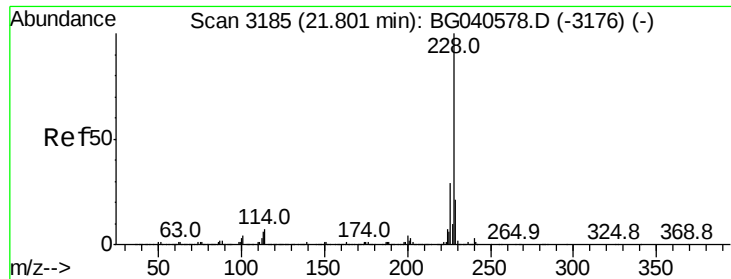


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





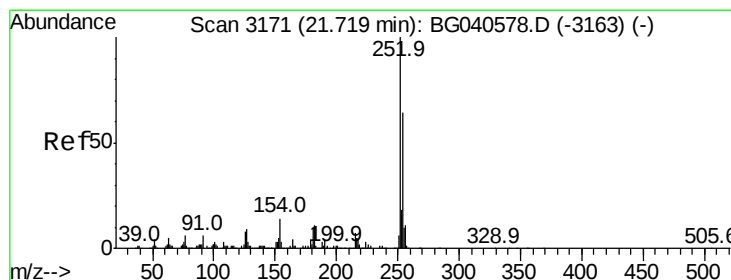
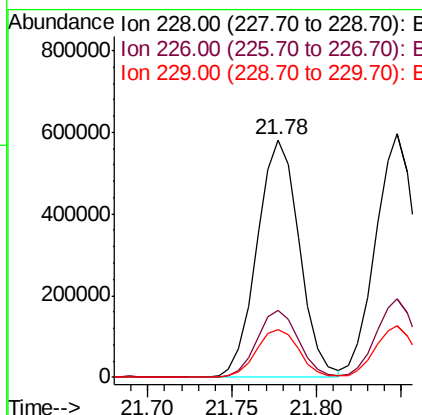
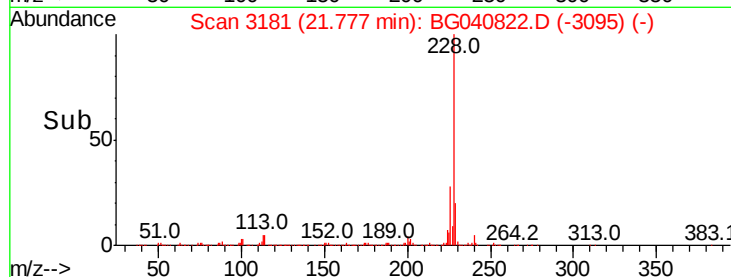
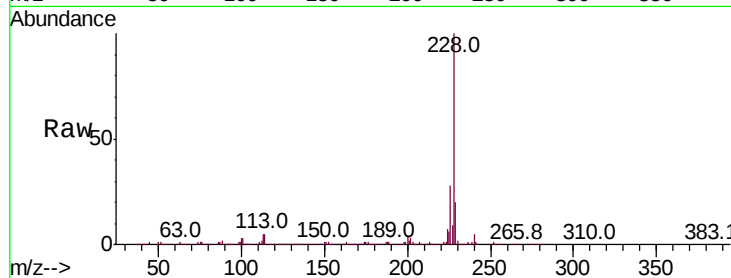
#81
Benzo(a)anthracene
Concen: 40.741 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.02 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampleId :
PB119587BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.1	34.7
229	20.4	17.0	25.4

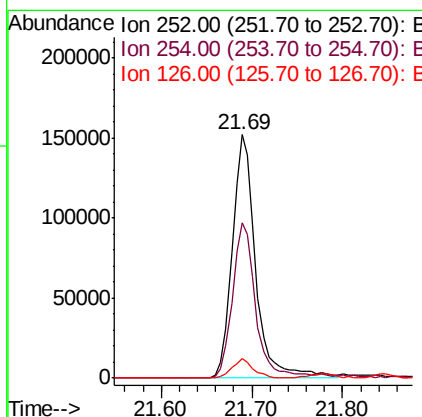
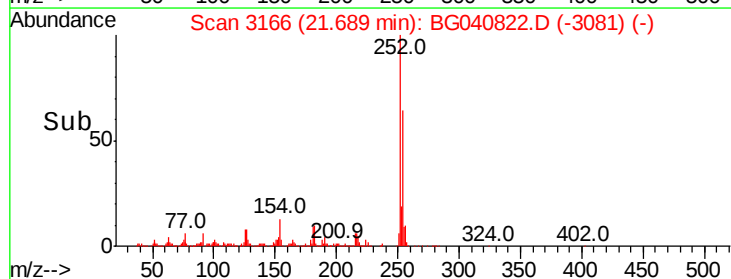
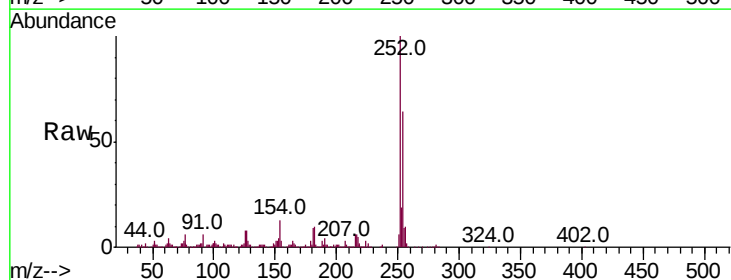
Manual Integrations
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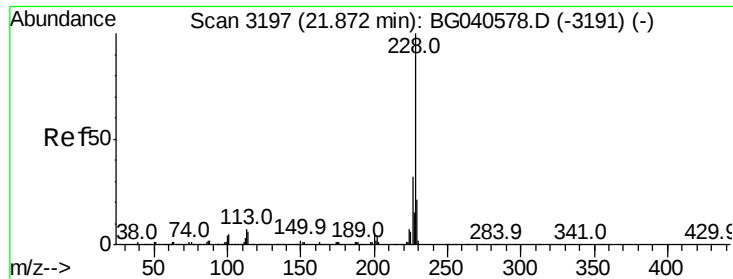
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 30.955 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.2	76.8
126	7.8	6.6	10.0





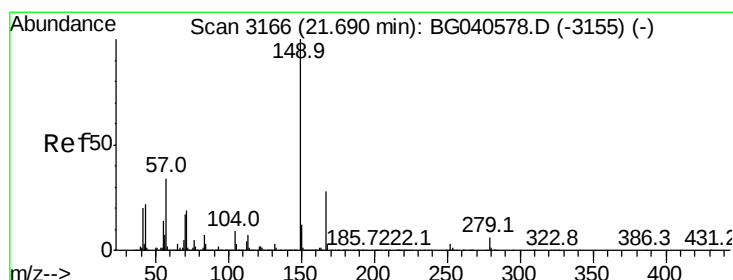
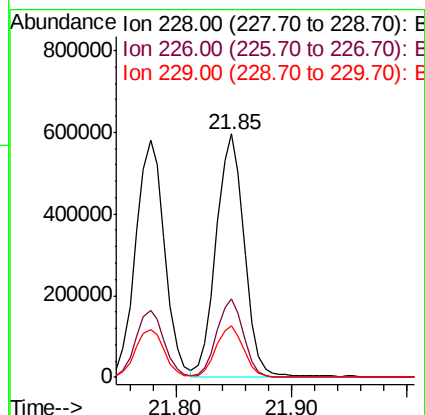
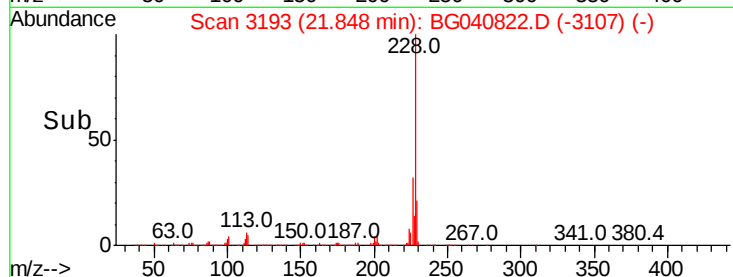
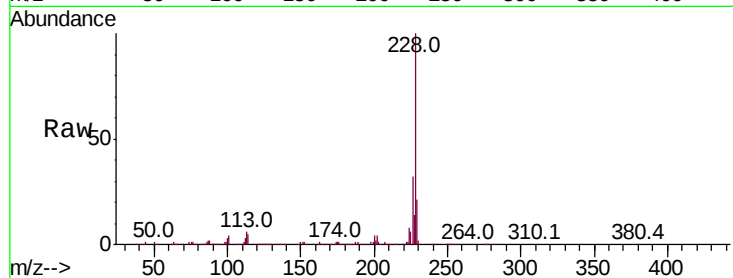
#83
 Chrysene
 Concen: 42.170 ng
 RT: 21.85 min Scan# 3193
 Delta R.T. -0.02 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

Instrument :
 BNA_G
 ClientSampleId :
 PB119587BS

Tot Ion:	228	Resp:	997449
Ion Ratio	Lower	Upper	
228	100		
226	32.3	25.5	38.3
229	21.0	16.8	25.2

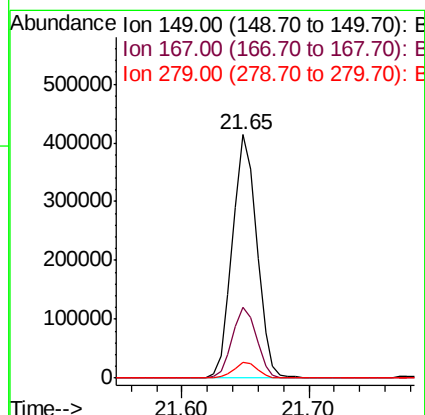
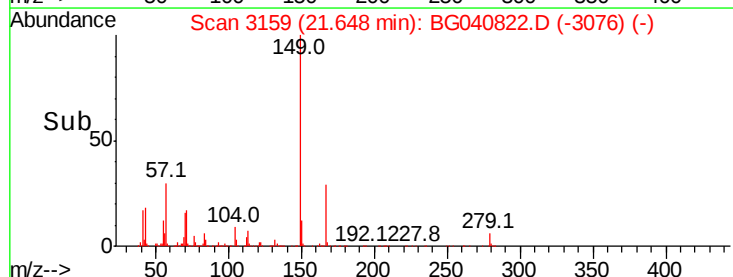
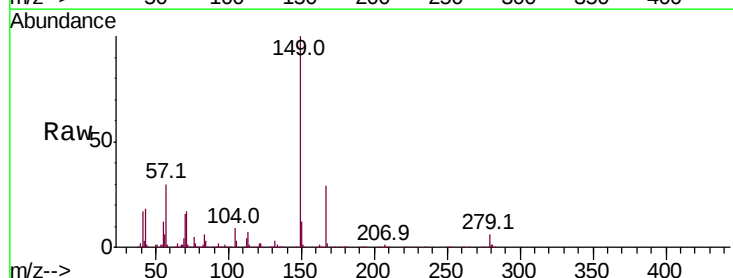
Manual Integrations
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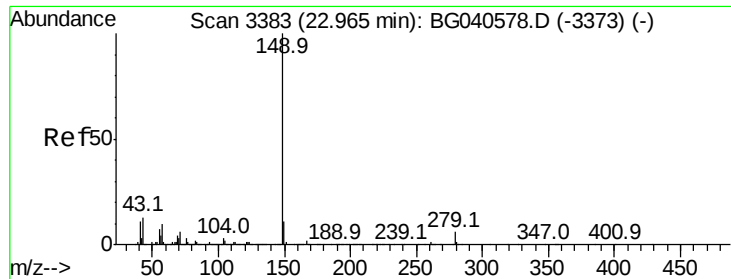
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.747 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.04 min
 Lab File: BG040822.D
 Acq: 9 May 2019 19:09

Tgt Ion:	149	Resp:	551540
Ion Ratio	Lower	Upper	
149	100		
167	28.9	22.4	33.6
279	6.3	4.6	6.8





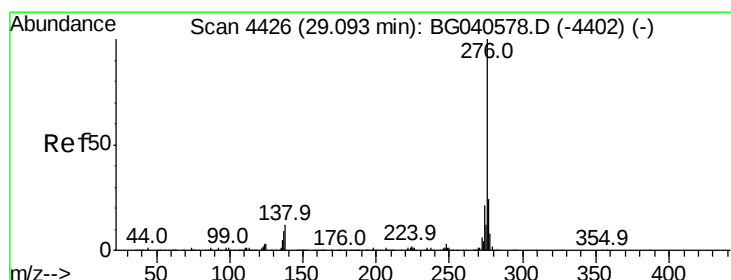
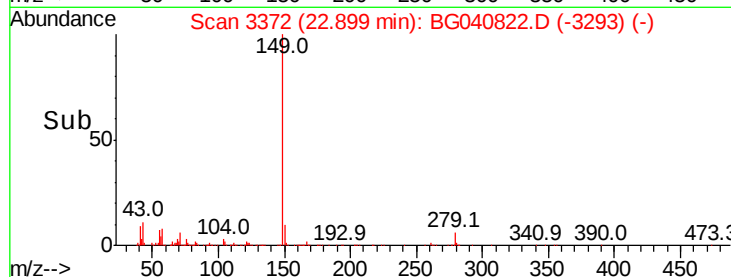
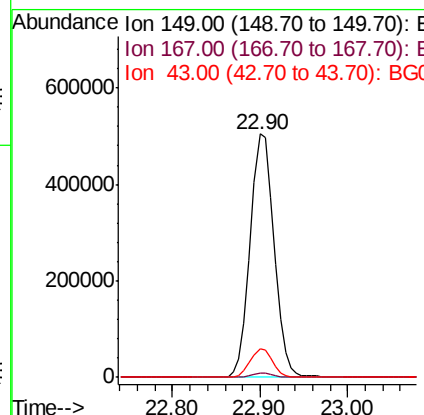
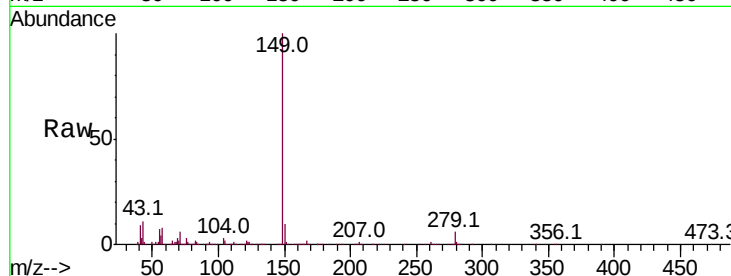
#85
Di-n-octyl phthalate
Concen: 39.797 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.07 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampleId :
PB119587BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.9	1.4	2.2	
43	11.0	10.2	15.2	

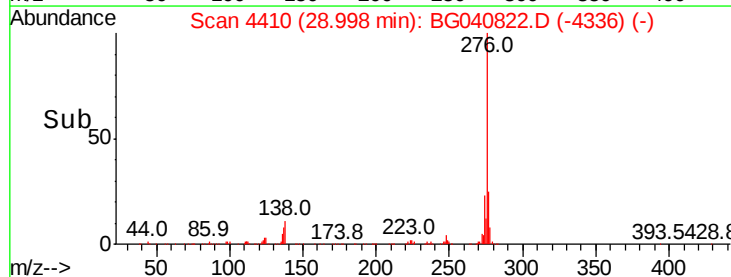
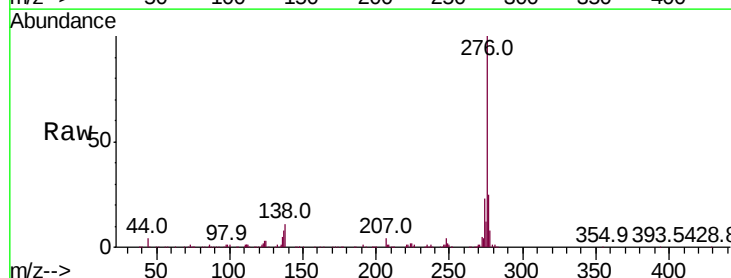
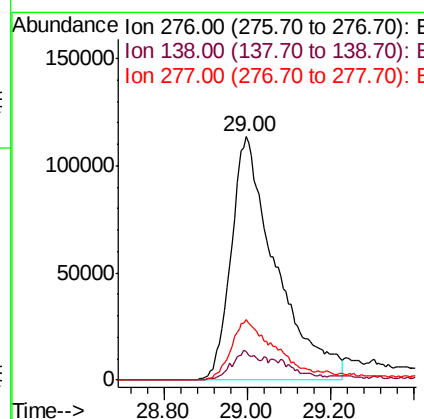
Manual Integrations
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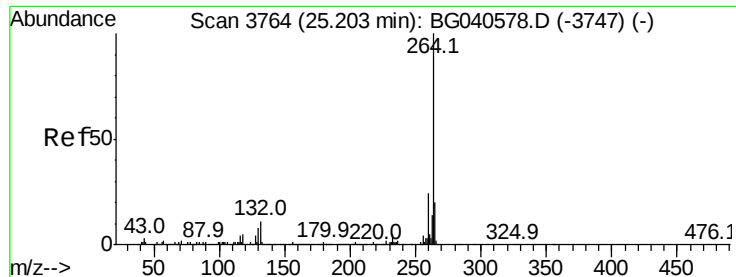
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 29.616 ng
RT: 29.00 min Scan# 4410
Delta R.T. -0.09 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	6.9	9.8	14.6#	
277	25.0	17.3	25.9	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Instrument :

BNA_G

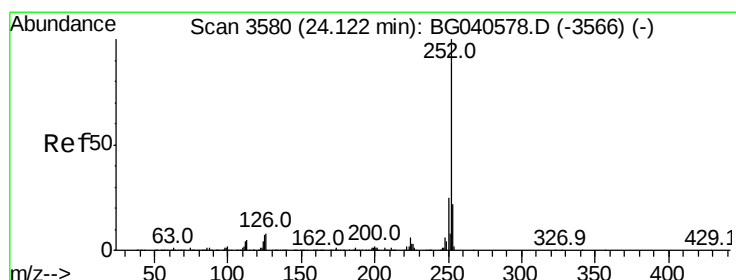
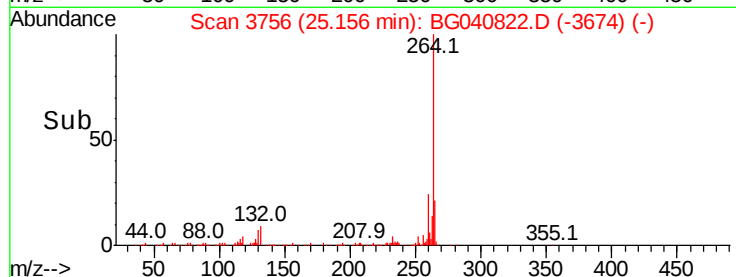
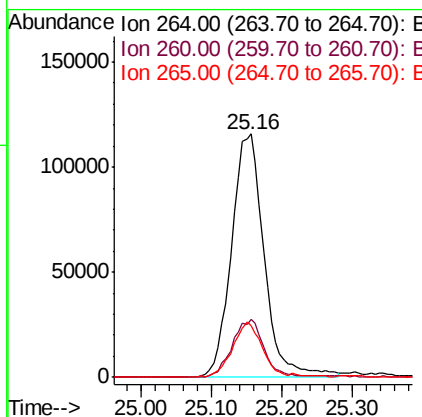
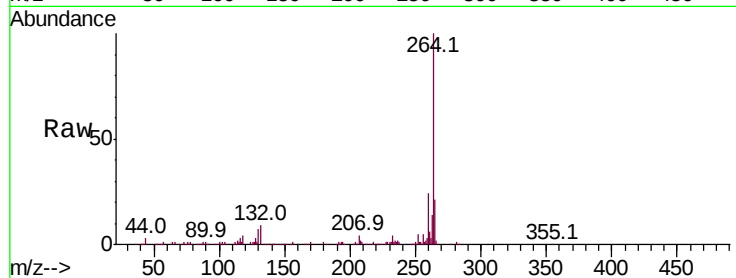
ClientSampleId :

PB119587BS

Tot Ion:	264	Resp:	372478
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	21.3	16.6	25.0

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 42.367 ng

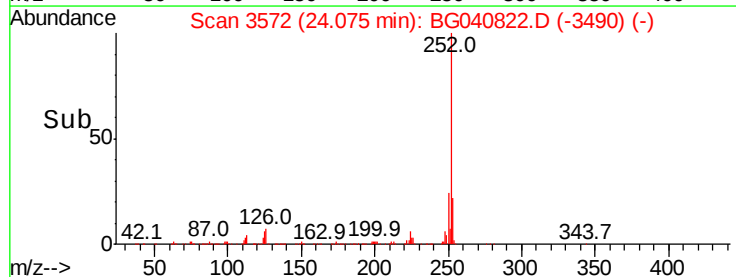
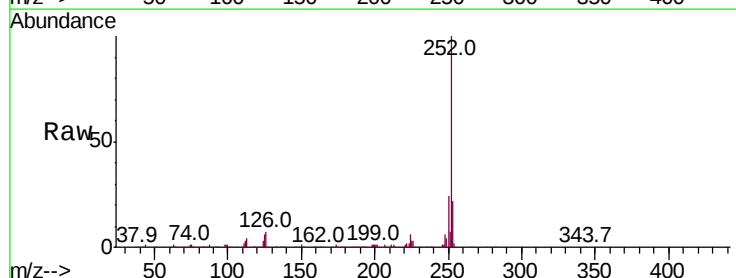
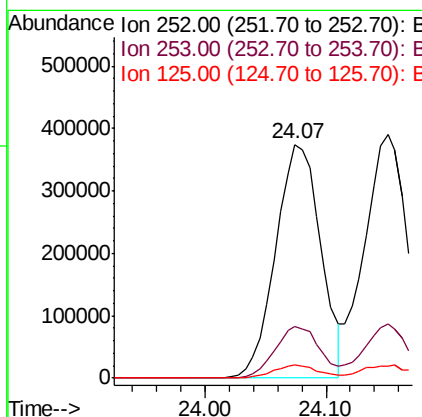
RT: 24.07 min Scan# 3572

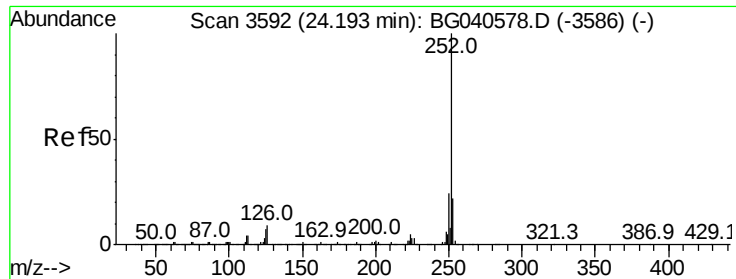
Delta R.T. -0.05 min

Lab File: BG040822.D

Acq: 9 May 2019 19:09

Tgt Ion:	252	Resp:	964346
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.6	26.4
125	5.7	5.4	8.0





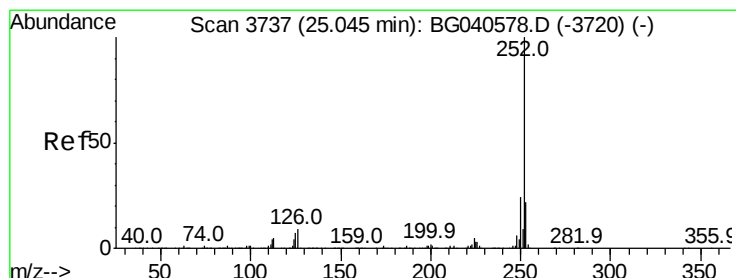
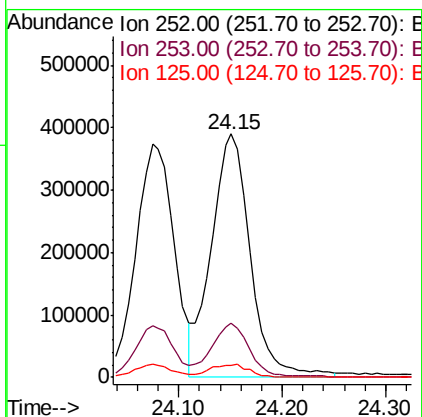
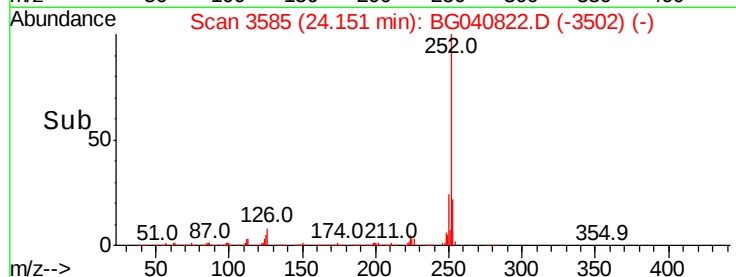
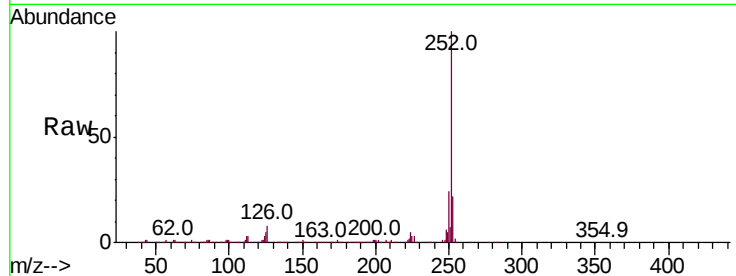
#89
Benzo(k)fluoranthene
Concen: 48.196 ng/mL
RT: 24.15 min Scan# 3585
Delta R.T. -0.04 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampled :
PB119587BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	4.8	5.5	8.3

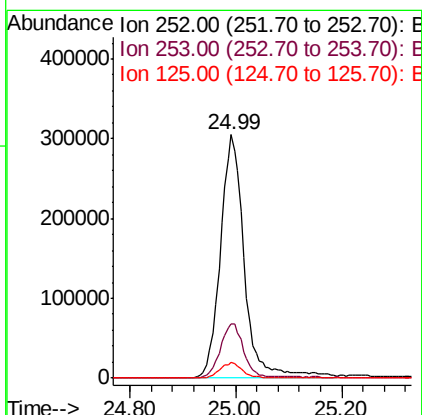
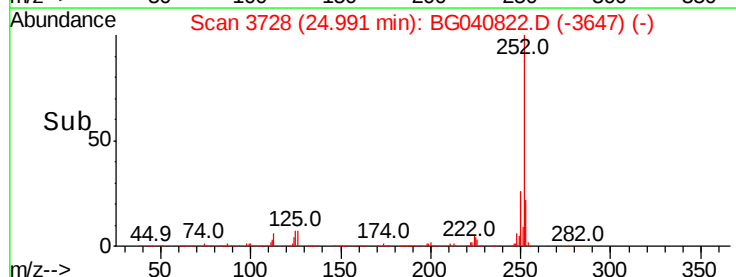
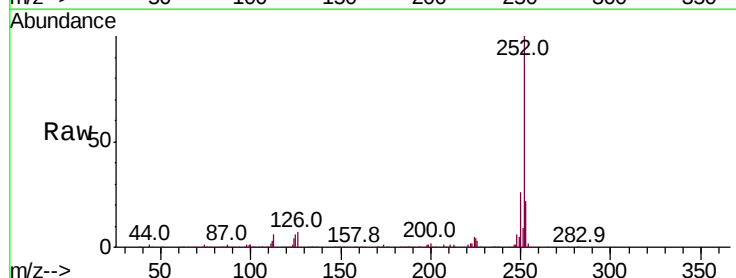
Manual Integrations
APPROVED

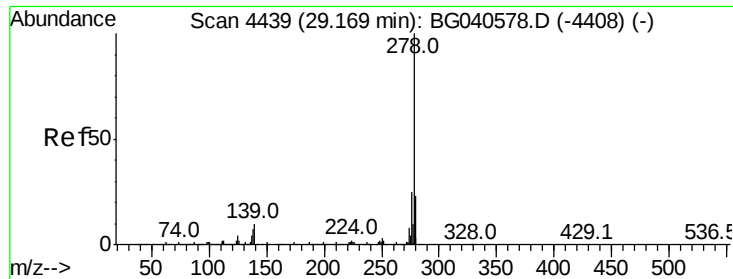
Sohil
5/13/2019 8:39:03 PM



#90
Benzo(a)pyrene
Concen: 44.135 ng/mL
RT: 24.99 min Scan# 3728
Delta R.T. -0.05 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	6.5	5.7	8.5





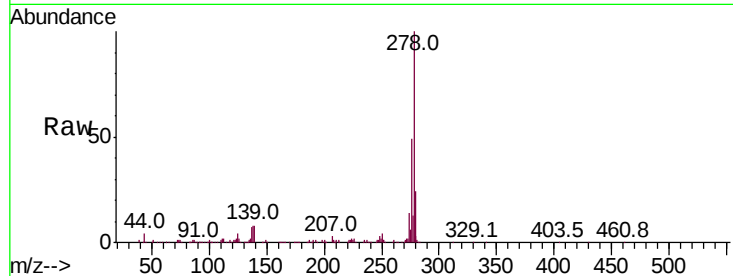
#91
Dibenzo(a,h)anthracene
Concen: 28.633 ng
RT: 29.07 min Scan# 4423
Delta R.T. -0.09 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Instrument :
BNA_G
ClientSampled :
PB119587BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.5	8.2	12.4
279	23.8	18.5	27.7

Manual Integrations
APPROVED

Sohil
5/13/2019 8:39:03 PM

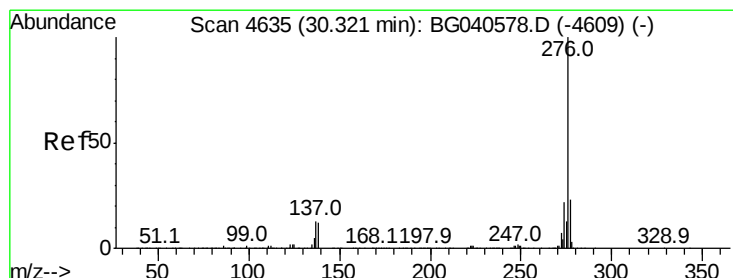
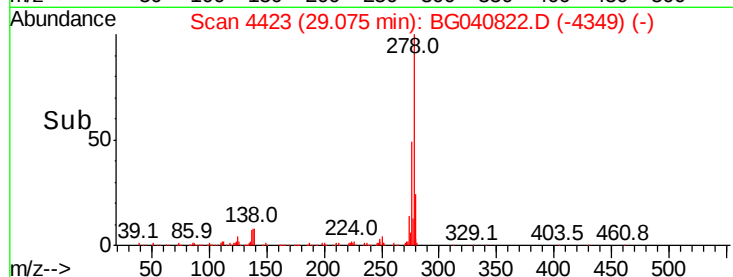
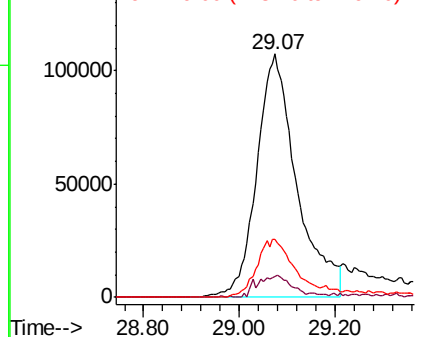


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 31.739 ng
RT: 30.22 min Scan# 4618
Delta R.T. -0.10 min
Lab File: BG040822.D
Acq: 9 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.7	18.4	27.6
138	11.5	9.8	14.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

